

Supplementary Material

Niacin Inhibits Apoptosis and Rescues Premature Ovarian Failure

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Supplement table legend

The microarray of cultured ovaries from the niacin-treated and control groups. Ovaries from D3 postnatal BDF1 female mice were cultured with niacin or only cultured in DMEM. Niacin up-regulated 813 genes and down-regulated 880 genes in the mouse ovaries during the in vitro treatment.

Gene ID	Score(d)	q-value(%)	Fold Change	ProbeSetID	niacin_1
10408838	14,805095	0	3,9459	10408838	341,0847
10353061	9,8668267	0	3,6258	10353061	2346,106
10582879	20,595733	0	3,3744	10582879	599,4431
10436773	21,66792	0	3,3676	10436773	2134,034
10599096	22,058626	0	3,3468	10599096	945,9131
10603975	22,058626	0	3,3468	10603975	945,9131
10397708	14,769418	0	3,3426	10397708	1300,458
10564011	10,688711	0	3,3376	10564011	894,4211
10603986	21,41679	0	3,3296	10603986	969,296
10604023	21,41679	0	3,3296	10604023	969,296
10564041	10,882381	0	3,3177	10564041	914,0397
10564083	10,938514	0	3,3167	10564083	913,1592
10564141	10,938514	0	3,3167	10564141	913,1592
10564035	10,938514	0	3,3167	10564035	913,1592
10564071	10,938514	0	3,3167	10564071	913,1592
10564061	10,938514	0	3,3167	10564061	913,1592
10564001	10,938514	0	3,3167	10564001	913,1592
10564031	10,938514	0	3,3167	10564031	913,1592
10563997	10,938514	0	3,3167	10563997	913,1592
10563951	10,938514	0	3,3167	10563951	913,1592
10564149	10,938514	0	3,3167	10564149	913,1592
10564153	10,938514	0	3,3167	10564153	913,1592
10564065	10,938514	0	3,3167	10564065	913,1592
10564145	10,938514	0	3,3167	10564145	913,1592
10563947	10,938514	0	3,3167	10563947	913,1592
10563995	10,938514	0	3,3167	10563995	913,1592
10563937	10,938514	0	3,3167	10563937	913,1592
10564063	10,938514	0	3,3167	10564063	913,1592
10564051	10,938514	0	3,3167	10564051	913,1592
10564059	10,938514	0	3,3167	10564059	913,1592
10563957	10,938514	0	3,3167	10563957	913,1592
10564003	10,938514	0	3,3167	10564003	913,1592
10563999	10,938514	0	3,3167	10563999	913,1592
10563953	10,938514	0	3,3167	10563953	913,1592
10564067	10,938514	0	3,3167	10564067	913,1592
10564081	10,938514	0	3,3167	10564081	913,1592
10564133	10,938514	0	3,3167	10564133	913,1592
10564131	10,938514	0	3,3167	10564131	913,1592
10564151	10,938514	0	3,3167	10564151	913,1592
10564029	10,938514	0	3,3167	10564029	913,1592
10564075	10,938514	0	3,3167	10564075	913,1592
10564155	10,938514	0	3,3167	10564155	913,1592
10564039	10,938514	0	3,3167	10564039	913,1592
10564007	10,938514	0	3,3167	10564007	913,1592

10405811	19,151559	0	3,297	10405811	1102,452
10563935	10,285193	0	3,2922	10563935	744,2026
10564045	10,285193	0	3,2922	10564045	744,2026
10564047	10,285193	0	3,2922	10564047	744,2026
10598225	12,077822	0	3,2784	10598225	1617,282
10347915	24,224321	0	3,2713	10347915	702,1118
10599064	16,676976	0	3,2658	10599064	783,5457
10356274	16,234281	0	3,2491	10356274	556,0365
10599075	17,047699	0	3,2451	10599075	987,1617
10603964	17,047699	0	3,2451	10603964	987,1617
10604008	17,047699	0	3,2451	10604008	987,1617
10599107	17,047699	0	3,2451	10599107	987,1617
10603997	17,047699	0	3,2451	10603997	987,1617
10564033	9,404701	0	3,2044	10564033	789,7774
10564013	10,776162	0	3,2003	10564013	764,944
10564017	10,776162	0	3,2003	10564017	764,944
10603953	14,30086	0	3,1914	10603953	712,4917
10564089	10,521261	0	3,1869	10564089	918,5947
10564023	8,615293	0	3,1834	10564023	800,3676
10564107	10,634444	0	3,175	10564107	917,9518
10564139	10,634444	0	3,175	10564139	917,9518
10564093	10,634444	0	3,175	10564093	917,9518
10564115	10,634444	0	3,175	10564115	917,9518
10564103	10,634444	0	3,175	10564103	917,9518
10564027	10,634444	0	3,175	10564027	917,9518
10564077	10,634444	0	3,175	10564077	917,9518
10564087	10,634444	0	3,175	10564087	917,9518
10564119	10,634444	0	3,175	10564119	917,9518
10564127	10,634444	0	3,175	10564127	917,9518
10564123	10,634444	0	3,175	10564123	917,9518
10564099	10,634444	0	3,175	10564099	917,9518
10564101	10,634444	0	3,175	10564101	917,9518
10564125	10,634444	0	3,175	10564125	917,9518
10564129	10,634444	0	3,175	10564129	917,9518
10564095	10,634444	0	3,175	10564095	917,9518
10564113	10,634444	0	3,175	10564113	917,9518
10564121	10,634444	0	3,175	10564121	917,9518
10564105	10,634444	0	3,175	10564105	917,9518
10564079	10,634444	0	3,175	10564079	917,9518
10564085	10,634444	0	3,175	10564085	917,9518
10564091	10,634444	0	3,175	10564091	917,9518
10564097	10,634444	0	3,175	10564097	917,9518
10598218	10,153854	0	3,1737	10598218	1331,06
10563913	10,444477	0	3,1492	10563913	795,437
10563917	10,444477	0	3,1492	10563917	795,437
10563923	10,444477	0	3,1492	10563923	795,437
10603237	11,561616	0	3,1454	10603237	1194,861

10603232	11,561616	0	3,1454	10603232	1194,861
10563993	11,0958	0	3,1422	10563993	834,6268
10564021	11,0958	0	3,1422	10564021	834,6268
10564025	11,0958	0	3,1422	10564025	834,6268
10564043	10,083947	0	3,1396	10564043	779,7835
10563967	10,083947	0	3,1396	10563967	779,7835
10563971	10,083947	0	3,1396	10563971	779,7835
10563965	10,083947	0	3,1396	10563965	779,7835
10603538	17,910046	0	3,1373	10603538	675,8264
10563987	9,4383505	0	3,136	10563987	385,6011
10563975	9,4383505	0	3,136	10563975	385,6011
10564009	9,4383505	0	3,136	10564009	385,6011
10563981	9,4383505	0	3,136	10563981	385,6011
10347925	25,560768	0	3,1322	10347925	660,303
10603936	16,593709	0	3,1204	10603936	576,8118
10564147	9,1209503	0	3,1181	10564147	740,3235
10564143	9,1209503	0	3,1181	10564143	740,3235
10564135	9,0946765	0	3,1179	10564135	740,6211
10602221	21,64333	0	3,1168	10602221	2685,695
10598183	10,712646	0	3,1163	10598183	1123,651
10564111	8,2828533	0	3,1043	10564111	412,9401
10515830	10,7861	0	3,0961	10515830	565,47
10559928	12,887902	0	3,0853	10559928	765,7899
10598220	9,7977139	0	3,0822	10598220	1135,115
10603911	11,070004	0	3,0749	10603911	361,8277
10564019	10,085836	0	3,0364	10564019	700,5378
10549921	16,328058	0	3,0334	10549921	798,8732
10564137	8,2735227	0	3,0183	10564137	695,9402
10569306	14,608894	0	3,0121	10569306	1254,455
10603926	14,116118	0	3,006	10603926	611,1346
10559172	10,535734	0	3,0044	10559172	1331,97
10560752	17,120049	0	3,0002	10560752	513,8934
10563955	8,2367564	0	2,9938	10563955	691,8414
10570634	12,66671	0	2,9907	10570634	800,4855
10557175	6,4031883	0	2,9825	10557175	101,3098
10599673	13,054113	0	2,966	10599673	590,2039
10577388	21,348639	0	2,9647	10577388	707,9514
10559890	8,436719	0	2,9619	10559890	408,2906
10550208	10,385862	0	2,9595	10550208	919,9473
10569291	13,407977	0	2,959	10569291	382,5863
10550193	9,1479681	0	2,9476	10550193	985,5962
10564069	8,0839139	0	2,9396	10564069	769,6621
10564073	8,0839139	0	2,9396	10564073	769,6621
10559931	10,052488	0	2,9394	10559931	485,884
10550760	14,756054	0	2,9306	10550760	404,6758
10364328	11,216908	0	2,9302	10364328	1571,653
10550189	10,889301	0	2,929	10550189	772,6457

10366739	8,9382171	0	2,923	10366739	444,6311
10549917	7,648509	0	2,9222	10549917	309,9421
10549923	10,451185	0	2,9194	10549923	685,4493
10599092	18,876768	0	2,9188	10599092	2132,324
10559908	10,239627	0	2,918	10559908	442,9999
10559871	9,2634111	0	2,916	10559871	676,9728
10419122	13,369817	0	2,9004	10419122	962,0502
10598229	18,126062	0	2,8878	10598229	1642,283
10560780	13,476586	0	2,8877	10560780	320,7773
10603228	18,537886	0	2,8811	10603228	2476,886
10542221	10,827797	0	2,8793	10542221	1287,108
10405870	8,9462661	0	2,8726	10405870	409,8346
10569296	13,798953	0	2,8704	10569296	1344,242
10492424	17,496422	0	2,8516	10492424	3574,274
10560728	13,806524	0	2,8501	10560728	369,5586
10598187	18,841835	0	2,8402	10598187	1587,931
10419119	13,154527	0	2,8401	10419119	983,7391
10603914	13,2752	0	2,8389	10603914	582,6498
10559181	14,622348	0	2,8378	10559181	249,5461
10579054	12,858856	0	2,8375	10579054	694,1296
10563905	6,2178967	0	2,8363	10563905	399,2307
10563907	6,2178967	0	2,8363	10563907	399,2307
10514325	23,456402	0	2,8337	10514325	777,6657
10549904	9,0971328	0	2,8322	10549904	477,7219
10560740	11,126405	0	2,8299	10560740	244,8716
10560787	11,126405	0	2,8299	10560787	244,8716
10603230	10,026788	0	2,8264	10603230	569,7052
10600480	10,026788	0	2,8264	10600480	569,7052
10605353	10,026788	0	2,8264	10605353	569,7052
10577361	15,482635	0	2,8239	10577361	634,9617
10563939	6,0819384	0	2,8217	10563939	514,0878
10410204	9,9413702	0	2,8188	10410204	410,8197
10514329	17,93217	0	2,8185	10514329	796,3998
10549938	8,6813156	0	2,8169	10549938	525,0087
10549990	14,036066	0	2,8153	10549990	294,477
10419116	9,2541883	0	2,8126	10419116	870,7578
10414736	7,5385835	0	2,8026	10414736	522,3889
10559894	8,0040733	0	2,8022	10559894	475,6048
10560785	10,789213	0	2,7915	10560785	320,3418
10410216	9,4368331	0	2,791	10410216	484,7752
10468089	33,23918	0	2,7906	10468089	2269,734
10404008	14,143284	0	2,7896	10404008	506,8572
10560783	12,535338	0	2,7878	10560783	380,4753
10560730	12,535338	0	2,7878	10560730	380,4753
10559883	9,5309414	0	2,7833	10559883	539,1083
10559901	9,6205815	0	2,7817	10559901	513,2999
10514331	23,90762	0	2,766	10514331	748,8809

10579060	12,115757	0	2,7595	10579060	632,6646
10419125	6,000278	0	2,7563	10419125	510,1716
10560732	8,9831068	0	2,7553	10560732	251,3795
10527878	11,866882	0	2,7552	10527878	324,3723
10450197	9,0227855	0	2,755	10450197	255,3836
10564053	5,6880133	0	2,7512	10564053	372,3393
10564055	5,6880133	0	2,7512	10564055	372,3393
10514327	20,831461	0	2,7471	10514327	754,9548
10416175	7,3722673	0	2,7415	10416175	400,9718
10560744	13,676451	0	2,7383	10560744	309,5791
10405879	7,5106567	0	2,7319	10405879	467,3605
10386185	15,422508	0	2,7316	10386185	297,1725
10550770	12,041932	0	2,7312	10550770	337,498
10558655	19,834143	0	2,7209	10558655	454,2573
10560795	11,299359	0	2,7167	10560795	317,1968
10491897	4,4364092	0	2,7082	10491897	215,2555
10436766	16,771185	0	2,7052	10436766	780,3585
10414706	7,0362897	0	2,7021	10414706	1118,471
10563943	4,3293128	0,0011632	2,6988	10563943	377,9293
10528183	11,303108	0	2,6967	10528183	902,1208
10515826	12,564013	0	2,6955	10515826	511,1238
10521811	8,7736	0	2,6938	10521811	414,6292
10417068	4,2428776	0,0011632	2,6935	10417068	409,4295
10530722	16,885026	0	2,6934	10530722	355,6198
10505258	6,3514171	0	2,6916	10505258	557,6141
10505246	6,3514171	0	2,6916	10505246	557,6141
10440909	13,242072	0	2,6906	10440909	3526,885
10434285	18,236912	0	2,6905	10434285	5463,759
10492452	11,048736	0	2,6887	10492452	486,8536
10603242	9,0259445	0	2,6856	10603242	551,9715
10560797	11,751329	0	2,6837	10560797	372,4106
10412517	16,417604	0	2,6804	10412517	2107,104
10505254	7,8849656	0	2,6802	10505254	327,452
10408130	12,687842	0	2,6777	10408130	385,762
10572527	11,721279	0	2,6775	10572527	494,764
10410252	7,6798787	0	2,6763	10410252	453,5423
10560789	10,687582	0	2,6752	10560789	239,444
10560742	10,640651	0	2,6661	10560742	233,4592
10576556	9,2621641	0	2,6659	10576556	1056,33
10419147	7,8733898	0	2,6591	10419147	568,5739
10569308	11,530534	0	2,659	10569308	1117,364
10563945	8,6907203	0	2,6548	10563945	240,3876
10425761	20,682856	0	2,6543	10425761	4368,612
10558649	21,034172	0	2,6539	10558649	442,7253
10550782	11,437936	0	2,6536	10550782	311,662
10366881	11,926642	0	2,6491	10366881	1089,071
10512332	12,920395	0	2,6432	10512332	400,6692

10512354	12,920395	0	2,6432	10512354	400,6692
10429491	12,1666	0	2,6429	10429491	421,9497
10419132	7,6378672	0	2,6416	10419132	565,7239
10404053	10,417853	0	2,6416	10404053	2058,874
10419128	7,6378672	0	2,6416	10419128	565,7239
10571824	11,435284	0	2,6371	10571824	825,2287
10404004	14,166977	0	2,6338	10404004	458,8382
10558653	15,766503	0	2,6335	10558653	625,5521
10597074	11,601221	0	2,6332	10597074	4068,594
10564005	6,5826841	0	2,6308	10564005	348,477
10564183	8,4611923	0	2,6301	10564183	1879,279
10552249	8,6615056	0	2,6257	10552249	1380,075
10554321	10,508845	0	2,6236	10554321	156,7065
10598538	9,2404931	0	2,6228	10598538	386,8738
10531507	22,435738	0	2,6209	10531507	297,9021
10530726	22,435738	0	2,6209	10530726	297,9021
10386191	9,5009395	0	2,6197	10386191	269,7344
10532267	6,2431768	0	2,6134	10532267	177,7474
10531518	16,204753	0	2,6081	10531518	309,4099
10536136	16,200314	0	2,6057	10536136	272,7314
10536085	16,200314	0	2,6057	10536085	272,7314
10535989	16,200314	0	2,6057	10535989	272,7314
10373651	12,981155	0	2,6048	10373651	3018,546
10564161	7,9873125	0	2,6035	10564161	1956,536
10519688	8,8788545	0	2,602	10519688	463,6427
10515828	11,560471	0	2,6017	10515828	482,81
10551250	7,7048413	0	2,5983	10551250	313,7902
10363144	11,068582	0	2,5961	10363144	826,7203
10414932	6,0461548	0	2,5938	10414932	654,6647
10550765	15,177777	0	2,5937	10550765	333,7625
10442254	9,2084447	0	2,5904	10442254	2017,747
10563909	5,2952922	0	2,5901	10563909	182,4874
10564159	8,978667	0	2,5877	10564159	1793,833
10564205	8,5493304	0	2,5836	10564205	1924,874
10564187	8,5493304	0	2,5836	10564187	1924,874
10564195	8,5493304	0	2,5836	10564195	1924,874
10564193	8,5493304	0	2,5836	10564193	1924,874
10564179	8,5493304	0	2,5836	10564179	1924,874
10564163	8,5493304	0	2,5836	10564163	1924,874
10564173	8,5493304	0	2,5836	10564173	1924,874
10564167	8,5493304	0	2,5836	10564167	1924,874
10564201	8,5493304	0	2,5836	10564201	1924,874
10564199	8,5493304	0	2,5836	10564199	1924,874
10564189	8,5493304	0	2,5836	10564189	1924,874
10564207	8,5493304	0	2,5836	10564207	1924,874
10564185	8,5493304	0	2,5836	10564185	1924,874
10564191	8,5493304	0	2,5836	10564191	1924,874

10564171	8,5493304	0	2,5836	10564171	1924,874
10564181	8,5493304	0	2,5836	10564181	1924,874
10564197	8,5493304	0	2,5836	10564197	1924,874
10564175	8,5493304	0	2,5836	10564175	1924,874
10559880	7,2054685	0	2,5826	10559880	448,2302
10419111	10,481459	0	2,5822	10419111	506,0517
10550768	9,6575592	0	2,5801	10550768	278,7635
10474687	6,0636301	0	2,5788	10474687	802,5046
10408574	15,103607	0	2,5727	10408574	4523,942
10563931	7,8351275	0	2,5704	10563931	288,6295
10419140	10,21306	0	2,5657	10419140	441,0714
10519652	8,540509	0	2,5626	10519652	403,6933
10505240	8,0375266	0	2,5598	10505240	372,323
10603247	10,365329	0	2,5555	10603247	806,5364
10569288	13,500073	0	2,5539	10569288	1924,813
10373610	6,8263503	0	2,5506	10373610	807,0547
10560754	13,065063	0	2,545	10560754	276,553
10364326	4,3215623	0,0011632	2,5426	10364326	304,8817
10472042	11,448537	0	2,5391	10472042	766,426
10353002	10,661499	0	2,5327	10353002	2204,809
10385774	11,319909	0	2,529	10385774	252,91
10563899	6,4954604	0	2,5283	10563899	339,2512
10369221	11,469371	0	2,5282	10369221	682,5862
10504201	12,430219	0	2,5279	10504201	448,7472
10512352	12,430219	0	2,5279	10512352	448,7472
10504137	12,430219	0	2,5279	10504137	448,7472
10512350	12,430219	0	2,5279	10512350	448,7472
10598105	6,7829296	0	2,5261	10598105	407,1639
10412495	14,565498	0	2,5252	10412495	906,9797
10375791	10,138096	0	2,5225	10375791	269,691
10414805	8,6999556	0	2,5209	10414805	859,0596
10531523	20,92616	0	2,5203	10531523	256,8326
10531512	20,92616	0	2,5203	10531512	256,8326
10559175	15,161754	0	2,5184	10559175	1179,296
10488430	7,3097188	0	2,5174	10488430	462,9604
10390934	9,7212052	0	2,5138	10390934	887,7732
10403988	10,321317	0	2,5103	10403988	486,6011
10369225	12,930874	0	2,507	10369225	639,083
10408148	13,751563	0	2,5066	10408148	366,722
10566678	12,726162	0	2,5062	10566678	151,1483
10419108	6,0515988	0	2,5029	10419108	163,3576
10550786	12,829229	0	2,4977	10550786	262,4036
10503148	14,813107	0	2,4938	10503148	580,0505
10367493	9,7513233	0	2,4929	10367493	267,2441
10488608	17,411888	0	2,4919	10488608	1068,891
10369223	12,259509	0	2,4897	10369223	676,4669
10442292	9,2208412	0	2,4888	10442292	250,1349

10495120	7,1655899	0	2,4887	10495120	247,0313
10607222	9,3030064	0	2,4883	10607222	123,9543
10545117	7,6511382	0	2,4863	10545117	125,2495
10460782	11,547402	0	2,4846	10460782	278,4269
10557853	6,6049401	0	2,483	10557853	150,7106
10552351	22,399179	0	2,4794	10552351	5759,831
10404020	13,009068	0	2,478	10404020	271,5305
10505856	11,86471	0	2,4724	10505856	355,8408
10505864	11,902508	0	2,4704	10505864	371,9786
10505870	11,902508	0	2,4704	10505870	371,9786
10505866	11,902508	0	2,4704	10505866	371,9786
10505872	11,902508	0	2,4704	10505872	371,9786
10505862	11,902508	0	2,4704	10505862	371,9786
10505868	11,902508	0	2,4704	10505868	371,9786
10403748	14,198319	0	2,4692	10403748	1513,568
10598528	8,701817	0	2,4663	10598528	369,7355
10377429	11,846735	0	2,4649	10377429	271,9474
10399428	11,846735	0	2,4649	10399428	271,9474
10505874	12,582089	0	2,4648	10505874	364,2325
10599105	4,5670729	0	2,4644	10599105	538,8682
10599073	4,5670729	0	2,4644	10599073	538,8682
10604021	4,5670729	0	2,4644	10604021	538,8682
10603984	4,5670729	0	2,4644	10603984	538,8682
10603973	4,5670729	0	2,4644	10603973	538,8682
10599060	4,5670729	0	2,4644	10599060	538,8682
10604017	4,5670729	0	2,4644	10604017	538,8682
10599094	4,5670729	0	2,4644	10599094	538,8682
10603962	4,5670729	0	2,4644	10603962	538,8682
10599062	4,5670729	0	2,4644	10599062	538,8682
10604006	4,5670729	0	2,4644	10604006	538,8682
10599058	4,5670729	0	2,4644	10599058	538,8682
10603995	4,5670729	0	2,4644	10603995	538,8682
10536126	14,094188	0	2,4624	10536126	263,2065
10388286	12,951912	0	2,4589	10388286	256,5711
10558657	20,820407	0	2,4554	10558657	282,1488
10408134	9,4147581	0	2,4491	10408134	176,6662
10513420	7,9229154	0	2,4481	10513420	406,1991
10564037	4,5126586	0	2,446	10564037	264,0299
10401831	3,9796851	0,002006	2,4458	10401831	104,1832
10505556	11,268205	0	2,4448	10505556	382,2405
10430899	4,6387543	0	2,4423	10430899	238,0601
10411609	21,130066	0	2,4414	10411609	5546,319
10519805	8,0865471	0	2,4392	10519805	961,2759
10505537	12,076318	0	2,4391	10505537	392,8825
10505550	12,076318	0	2,4391	10505550	392,8825
10564177	6,8957833	0	2,4383	10564177	1814,288
10564165	6,5096355	0	2,4335	10564165	1734,607

10528177	9,7842143	0	2,4327	10528177	1074,474
10598085	7,3125486	0	2,4294	10598085	163,1392
10563897	4,467259	0	2,4278	10563897	291,2677
10505848	11,988659	0	2,4271	10505848	406,8462
10505852	11,988659	0	2,4271	10505852	406,8462
10356673	10,019224	0	2,4266	10356673	390,4341
10421932	17,447888	0	2,4263	10421932	437,5919
10570618	6,2888217	0	2,4248	10570618	225,2901
10403193	10,515039	0	2,4234	10403193	612,6105
10400004	16,78716	0	2,4231	10400004	898,7239
10505845	11,830453	0	2,4229	10505845	437,1325
10367475	12,555257	0	2,4204	10367475	1563,173
10559916	10,590327	0	2,4185	10559916	377,2342
10549929	6,4478832	0	2,418	10549929	429,977
10347931	10,980817	0	2,4144	10347931	366,9328
10366546	14,486944	0	2,4136	10366546	317,0987
10378434	18,472828	0	2,4132	10378434	237,5879
10493999	11,013645	0	2,4092	10493999	397,3159
10535994	14,167889	0	2,409	10535994	234,7561
10366180	8,7897641	0	2,4064	10366180	374,9435
10353729	10,453604	0	2,405	10353729	185,8778
10505843	13,694583	0	2,405	10505843	363,0063
10504199	9,1022437	0	2,4046	10504199	319,5761
10422059	13,09043	0	2,4019	10422059	891,1493
10500443	8,3997302	0	2,4009	10500443	199,0375
10505876	11,657686	0	2,3989	10505876	380,8888
10453602	8,7491899	0	2,3944	10453602	573,3969
10474169	7,2009707	0	2,3919	10474169	310,4868
10440717	14,550985	0	2,3914	10440717	1356,018
10353731	11,485377	0	2,3907	10353731	191,4358
10410235	8,6568789	0	2,39	10410235	578,5467
10567466	10,975128	0	2,3885	10567466	163,8815
10606069	10,8314	0	2,3879	10606069	219,8144
10537785	10,904443	0	2,3878	10537785	134,9698
10534056	11,584954	0	2,3871	10534056	316,8014
10451677	13,865576	0	2,3841	10451677	527,0624
10523756	13,865576	0	2,3841	10523756	527,0624
10537504	13,865576	0	2,3841	10537504	527,0624
10560089	8,6948789	0	2,3825	10560089	154,2687
10552341	15,116249	0	2,381	10552341	230,409
10385768	8,6339524	0	2,377	10385768	232,9534
10539954	9,7318346	0	2,3755	10539954	106,5912
10587075	10,771773	0	2,3734	10587075	176,2004
10600750	15,993112	0	2,3706	10600750	354,0297
10474102	6,817013	0	2,3706	10474102	1457,91
10405755	8,6364211	0	2,3702	10405755	803,6742
10563808	6,3272953	0	2,3684	10563808	451,1111

10563804	6,3272953	0	2,3684	10563804	451,1111
10519671	11,36583	0	2,3684	10519671	323,1063
10563806	6,3272953	0	2,3684	10563806	451,1111
10563812	6,3272953	0	2,3684	10563812	451,1111
10563810	6,3272953	0	2,3684	10563810	451,1111
10563802	6,3272953	0	2,3684	10563802	451,1111
10513455	7,2694709	0	2,3672	10513455	346,6768
10564169	5,8240511	0	2,3668	10564169	1642,875
10466344	8,5528948	0	2,3659	10466344	128,047
10417371	9,2965117	0	2,3655	10417371	871,6613
10592531	9,3214472	0	2,3606	10592531	259,6176
10375574	5,5894943	0	2,3604	10375574	235,9135
10482133	7,9032976	0	2,3517	10482133	102,4623
10512372	10,66734	0	2,3482	10512372	366,8559
10398396	4,8130848	0	2,3463	10398396	257,5148
10513472	7,5646859	0	2,3448	10513472	338,4399
10362102	9,4105625	0	2,3437	10362102	424,7243
10484762	10,170126	0	2,3433	10484762	254,6366
10424075	8,3903712	0	2,3428	10424075	451,4348
10562641	8,781673	0	2,3403	10562641	196,9756
10560767	12,436954	0	2,3382	10560767	209,3287
10550778	12,436954	0	2,3382	10550778	209,3287
10505543	13,511929	0	2,3381	10505543	363,0985
10566249	5,7457118	0	2,3359	10566249	90,43981
10556139	8,5635926	0	2,3354	10556139	103,375
10399725	6,8476662	0	2,3291	10399725	612,2603
10504188	9,7609552	0	2,3278	10504188	380,7929
10599088	7,3997791	0	2,3271	10599088	571,8181
10540287	14,442409	0	2,3243	10540287	156,3779
10373684	6,2673895	0	2,324	10373684	164,481
10348641	10,562701	0	2,3237	10348641	225,3174
10562291	6,754664	0	2,3237	10562291	241,5682
10558666	5,846633	0	2,323	10558666	135,596
10514289	14,755962	0	2,3222	10514289	203,9703
10403899	4,7776678	0	2,3214	10403899	167,0559
10528191	9,0803668	0	2,3204	10528191	861,4218
10550822	6,5979592	0	2,32	10550822	140,2978
10498500	14,515003	0	2,3181	10498500	154,662
10504132	11,027577	0	2,3169	10504132	347,239
10386546	7,3799814	0	2,3157	10386546	670,1769
10427622	7,6113448	0	2,3118	10427622	322,167
10569356	3,9776374	0,002006	2,3094	10569356	370,3355
10566707	13,653739	0	2,3073	10566707	137,6313
10439016	9,5958069	0	2,3058	10439016	198,8733
10410475	8,7679005	0	2,3052	10410475	4113,479
10513504	6,1757315	0	2,3042	10513504	320,7673
10378432	7,9398564	0	2,3039	10378432	150,5063

10513437	7,0508638	0	2,3029	10513437	336,0479
10415017	6,5415824	0	2,2999	10415017	355,942
10386537	7,2687648	0	2,2984	10386537	654,6876
10403034	12,988508	0	2,297	10403034	235,1743
10373622	7,0945251	0	2,2958	10373622	117,4265
10356262	10,617245	0	2,2952	10356262	592,0905
10560397	14,947612	0	2,2952	10560397	215,1998
10598216	8,8470136	0	2,2949	10598216	1851,162
10564015	3,5034863	0,0037619	2,2939	10564015	298,8558
10563929	5,5249595	0	2,2926	10563929	230,1573
10563915	5,5249595	0	2,2926	10563915	230,1573
10404022	9,6253353	0	2,2919	10404022	289,0598
10351903	14,983661	0	2,2914	10351903	189,1651
10584252	7,1119222	0	2,2902	10584252	766,3029
10417275	10,5969	0	2,285	10417275	231,4944
10471774	8,4498761	0	2,2833	10471774	186,7051
10600746	13,650012	0	2,2827	10600746	271,9823
10386531	7,2996079	0	2,2821	10386531	655,3709
10403060	8,9105888	0	2,2778	10403060	280,7901
10505858	11,646283	0	2,2758	10505858	349,0379
10545184	8,9637745	0	2,2729	10545184	283,2163
10505562	9,4704063	0	2,2698	10505562	366,2526
10512322	9,8885785	0	2,2682	10512322	368,8657
10504159	9,8885785	0	2,2682	10504159	368,8657
10504125	13,9594	0	2,2679	10504125	1225,93
10504123	13,9594	0	2,2679	10504123	1225,93
10579765	10,139321	0	2,267	10579765	4390,804
10384539	10,213931	0	2,2663	10384539	805,3792
10538868	14,147968	0	2,2642	10538868	572,9062
10375563	11,490184	0	2,2613	10375563	131,7366
10474497	6,6900151	0	2,2612	10474497	147,3503
10513428	6,4414073	0	2,2609	10513428	299,8375
10538352	6,9413494	0	2,2599	10538352	699,7279
10598251	7,0279641	0	2,2586	10598251	275,9962
10441398	9,6959081	0	2,2555	10441398	192,3004
10555901	7,3890544	0	2,2533	10555901	143,485
10599281	8,1217269	0	2,2514	10599281	201,0968
10367059	7,4145518	0	2,2488	10367059	202,7592
10512892	9,128545	0	2,2479	10512892	161,1181
10598212	6,8413312	0	2,2476	10598212	353,6106
10598192	11,243781	0	2,2467	10598192	479,1001
10414960	13,34133	0	2,2467	10414960	400,7643
10406823	11,845089	0	2,2464	10406823	112,8213
10536151	11,543815	0	2,2457	10536151	213,2848
10405743	8,8248059	0	2,2438	10405743	164,7048
10390498	10,633286	0	2,2417	10390498	112,8001
10375127	15,048058	0	2,2413	10375127	311,0274

10599263	6,8810706	0	2,2401	10599263	183,6173
10504148	16,525601	0	2,2398	10504148	1367,646
10402994	7,9587999	0	2,2394	10402994	201,1217
10584399	5,2082529	0	2,2353	10584399	219,1428
10386539	7,4404453	0	2,235	10386539	650,3204
10412038	15,719524	0	2,2337	10412038	1868,839
10537558	13,469048	0	2,2303	10537558	239,8541
10374767	7,5511127	0	2,229	10374767	285,1533
10365428	11,232586	0	2,229	10365428	230,3302
10566199	10,973593	0	2,2236	10566199	148,2105
10581266	13,73258	0	2,2225	10581266	399,5555
10364415	8,8216155	0	2,222	10364415	136,5024
10579913	4,809964	0	2,2207	10579913	143,5709
10463732	9,5267315	0	2,2206	10463732	503,2458
10370330	8,6128074	0	2,2193	10370330	319,4243
10512630	8,0821328	0	2,2158	10512630	233,3338
10504178	16,087208	0	2,2152	10504178	1307,522
10493900	9,4068303	0	2,2133	10493900	256,0037
10351515	9,2441986	0	2,2131	10351515	808,9113
10344614	7,6036047	0	2,2122	10344614	355,4172
10504121	13,511364	0	2,2106	10504121	1158,859
10394938	13,035714	0	2,2105	10394938	3632,718
10399657	13,035714	0	2,2105	10399657	3632,718
10405747	6,6201577	0	2,2078	10405747	166,7663
10421924	14,072743	0	2,2051	10421924	381,7476
10386533	7,9906959	0	2,2032	10386533	658,2643
10386535	7,9906959	0	2,2032	10386535	658,2643
10386541	7,9906959	0	2,2032	10386541	658,2643
10386529	7,9906959	0	2,2032	10386529	658,2643
10375565	13,919842	0	2,2009	10375565	126,1162
10545187	8,2564966	0	2,2002	10545187	144,3023
10594798	4,0269144	0,002006	2,1995	10594798	276,4199
10604124	11,503065	0	2,198	10604124	198,2833
10563963	3,2686505	0,007029	2,1978	10563963	212,5984
10563985	3,2686505	0,007029	2,1978	10563985	212,5984
10563969	3,2686505	0,007029	2,1978	10563969	212,5984
10563979	3,2686505	0,007029	2,1978	10563979	212,5984
10563977	3,2686505	0,007029	2,1978	10563977	212,5984
10563983	3,2686505	0,007029	2,1978	10563983	212,5984
10484735	5,3335321	0	2,1956	10484735	307,8681
10547674	8,4446162	0	2,1948	10547674	136,7742
10547682	8,4446162	0	2,1948	10547682	136,7742
10547684	8,4446162	0	2,1948	10547684	136,7742
10604119	7,8454439	0	2,1948	10604119	231,704
10403063	9,4407805	0	2,1946	10403063	183,113
10536111	10,521073	0	2,1934	10536111	269,2936
10535683	6,9320769	0	2,1923	10535683	119,7885

10517114	10,982228	0	2,1898	10517114	249,4113
10438423	5,7082329	0	2,1896	10438423	117,8636
10513467	5,3598596	0	2,1894	10513467	260,9504
10518331	4,8940428	0	2,1894	10518331	332,0096
10566283	8,5517065	0	2,1882	10566283	110,5121
10603245	6,9637025	0	2,1872	10603245	295,6015
10511309	11,018925	0	2,186	10511309	411,2243
10577421	13,020127	0	2,1859	10577421	510,8219
10552208	7,1455282	0	2,1829	10552208	206,9885
10545175	7,9257309	0	2,1824	10545175	217,9023
10414775	12,380622	0	2,1821	10414775	405,4137
10414882	12,380622	0	2,1821	10414882	405,4137
10566682	5,719822	0	2,1813	10566682	197,275
10598227	5,8123315	0	2,1808	10598227	369,2599
10494003	6,3403977	0	2,1792	10494003	113,3508
10392825	11,516994	0	2,1774	10392825	400,4579
10523346	10,432831	0	2,1766	10523346	208,218
10536033	10,432831	0	2,1766	10536033	208,218
10536044	10,432831	0	2,1766	10536044	208,218
10523316	10,432831	0	2,1766	10523316	208,218
10417269	9,9617254	0	2,1764	10417269	1366,742
10381113	6,7677523	0	2,1752	10381113	98,81456
10353307	6,2554758	0	2,1752	10353307	370,4391
10608085	5,9601556	0	2,1752	10608085	326,2277
10416353	5,2671914	0	2,175	10416353	127,2482
10423570	4,7154881	0	2,1749	10423570	488,0859
10592449	7,8535174	0	2,1746	10592449	185,2931
10484861	7,0262742	0	2,1735	10484861	117,1016
10602367	7,7932119	0	2,1735	10602367	184,3152
10405749	7,6701081	0	2,1729	10405749	137,9852
10550625	14,487034	0	2,1723	10550625	412,7412
10442112	7,0513069	0	2,1719	10442112	135,8017
10438338	9,6067525	0	2,1718	10438338	364,1496
10558659	11,635398	0	2,1696	10558659	180,8889
10522585	11,562099	0	2,1675	10522585	167,2781
10568951	8,3647067	0	2,1673	10568951	187,1973
10584504	8,2376338	0	2,1653	10584504	130,0242
10390939	6,7193675	0	2,1642	10390939	344,0598
10484875	8,7942536	0	2,1628	10484875	146,0341
10473643	8,7942536	0	2,1628	10473643	146,0341
10580382	10,439515	0	2,1615	10580382	1641,695
10376408	6,1973285	0	2,1614	10376408	207,0135
10419154	9,2652367	0	2,161	10419154	208,6815
10599084	5,7152868	0	2,1593	10599084	369,3078
10505841	8,7416779	0	2,1569	10505841	298,4055
10471567	8,9910521	0	2,1562	10471567	105,335
10516221	7,1771596	0	2,1536	10516221	261,1948

10417452	6,2572807	0	2,1532	10417452	999,598
10417446	6,2572807	0	2,1532	10417446	999,598
10390945	7,1857706	0	2,1523	10390945	537,4136
10575596	11,448844	0	2,1504	10575596	384,6375
10408144	8,3767188	0	2,1489	10408144	264,7678
10417403	7,3106573	0	2,1472	10417403	237,488
10438064	6,7361992	0	2,1467	10438064	125,161
10566684	5,0448602	0	2,1456	10566684	126,207
10414929	7,6780611	0	2,1446	10414929	205,6211
10434283	14,183062	0	2,1394	10434283	4647,968
10392834	9,3321708	0	2,1384	10392834	346,699
10420724	12,27706	0	2,136	10420724	193,1795
10505879	6,1815153	0	2,1354	10505879	231,785
10364319	9,8228109	0	2,1345	10364319	375,2912
10386527	7,379018	0	2,1339	10386527	687,8326
10563722	9,469181	0	2,1327	10563722	159,7351
10415873	8,059599	0	2,1317	10415873	1041,442
10545202	7,3849881	0	2,13	10545202	129,7773
10552587	11,156318	0	2,1264	10552587	189,5208
10555720	10,192509	0	2,1258	10555720	217,6136
10538929	9,5321956	0	2,1224	10538929	184,2602
10567735	8,0623154	0	2,1207	10567735	266,0312
10375576	15,408449	0	2,12	10375576	245,3935
10398404	5,2926121	0	2,1198	10398404	858,9517
10507163	6,7396831	0	2,1191	10507163	240,8747
10562754	5,0501653	0	2,119	10562754	196,0742
10539973	21,565474	0	2,1189	10539973	106,0993
10390913	8,0328602	0	2,1179	10390913	617,613
10419034	7,4097419	0	2,1174	10419034	336,204
10460146	5,5711308	0	2,1163	10460146	185,3556
10414876	8,52953	0	2,1155	10414876	378,8911
10414769	8,52953	0	2,1155	10414769	378,8911
10419440	6,0448041	0	2,1151	10419440	105,7733
10444674	14,027216	0	2,1148	10444674	184,364
10519661	4,7149067	0	2,1147	10519661	326,3528
10484726	14,223468	0	2,1147	10484726	124,3515
10604832	16,311288	0	2,1137	10604832	402,9767
10473450	6,0326826	0	2,1127	10473450	88,37917
10440727	9,2127916	0	2,1122	10440727	197,8072
10452427	5,9425856	0	2,111	10452427	100,0621
10538840	13,043564	0	2,1059	10538840	117,8339
10566626	5,4626893	0	2,1048	10566626	119,7226
10482131	7,770389	0	2,1045	10482131	127,6013
10447902	12,23768	0	2,1044	10447902	343,5914
10426592	8,9669072	0	2,1026	10426592	317,5508
10519644	7,2988597	0	2,1019	10519644	274,2745
10383632	12,166402	0	2,101	10383632	943,7702

10535669	4,8057358	0	2,1001	10535669	118,2166
10602327	8,099308	0	2,0987	10602327	174,7871
10450367	15,113481	0	2,0964	10450367	2190,853
10604447	5,7742325	0	2,0953	10604447	136,7512
10418169	4,4351976	0	2,0923	10418169	1458,752
10555781	10,516679	0	2,0915	10555781	135,2007
10519879	11,959825	0	2,0894	10519879	106,716
10457475	10,043601	0	2,0887	10457475	537,0109
10570711	9,7273917	0	2,0878	10570711	219,3217
10461798	5,8334693	0	2,0876	10461798	210,5198
10519677	4,5308038	0	2,0875	10519677	264,7843
10576049	14,311022	0	2,0858	10576049	243,6784
10604032	13,562222	0	2,0854	10604032	290,0511
10412491	8,5285126	0	2,0854	10412491	417,8448
10352777	10,235949	0	2,0852	10352777	424,9363
10417264	6,1015829	0	2,0842	10417264	937,0137
10373640	5,3037688	0	2,083	10373640	157,8073
10504139	15,414911	0	2,0827	10504139	843,4203
10399232	7,7094948	0	2,082	10399232	200,5717
10484733	5,3557016	0	2,0793	10484733	854,5552
10546659	9,2442581	0	2,0779	10546659	651,8729
10390907	8,7062792	0	2,0774	10390907	512,1747
10432150	9,8876315	0	2,0757	10432150	177,3129
10499703	10,342861	0	2,0753	10499703	612,1417
10566300	4,4465528	0	2,0751	10566300	111,5382
10393685	8,8940917	0	2,075	10393685	294,2435
10436750	4,3702412	0,0011632	2,0736	10436750	121,2791
10552262	12,867024	0	2,0731	10552262	132,8148
10364441	8,240665	0	2,0728	10364441	109,3654
10566422	8,21947	0	2,0724	10566422	196,2847
10559743	9,7035243	0	2,072	10559743	183,3623
10461055	3,5976848	0,0037619	2,0719	10461055	139,1848
10469941	8,6455469	0	2,0701	10469941	170,5341
10605459	5,3965846	0	2,0698	10605459	189,9785
10471763	9,807582	0	2,0691	10471763	144,8605
10412483	7,3337918	0	2,0686	10412483	201,0113
10599269	9,2463115	0	2,0654	10599269	189,6302
10599274	5,3028818	0	2,0651	10599274	192,4181
10390911	7,2780579	0	2,0641	10390911	581,0548
10415832	8,7509031	0	2,0636	10415832	172,9381
10559837	6,5530098	0	2,0626	10559837	413,3017
10566589	11,962062	0	2,0622	10566589	115,5999
10474181	8,0401568	0	2,0614	10474181	511,3208
10555844	11,644296	0	2,0611	10555844	152,2338
10414751	8,7673569	0	2,0604	10414751	381,096
10555718	4,6260533	0	2,0603	10555718	241,2021
10557624	6,4120781	0	2,0582	10557624	193,5591

10361091	12,095725	0	2,0566	10361091	487,4342
10447647	9,9622276	0	2,0565	10447647	376,0588
10581212	5,0770134	0	2,056	10581212	503,3819
10364435	11,228934	0	2,0554	10364435	254,567
10351893	7,2210377	0	2,0554	10351893	135,4223
10403021	11,550227	0	2,0537	10403021	109,2283
10381697	12,34073	0	2,0536	10381697	903,6445
10428002	5,7399626	0	2,0533	10428002	724,413
10505892	13,402475	0	2,0529	10505892	276,5804
10471778	9,329511	0	2,0526	10471778	120,0428
10484547	8,9388057	0	2,0524	10484547	129,6106
10505249	3,6222161	0,0037619	2,0511	10505249	175,6538
10571248	6,9080413	0	2,0504	10571248	363,8383
10555873	6,5622101	0	2,0503	10555873	122,7324
10390915	7,5896292	0	2,0497	10390915	589,7593
10390917	7,5896292	0	2,0497	10390917	589,7593
10393239	14,142888	0	2,048	10393239	275,2908
10560389	10,727791	0	2,0479	10560389	177,7489
10489429	12,386526	0	2,0478	10489429	111,2458
10520942	8,8706227	0	2,0474	10520942	875,4344
10414911	8,4874569	0	2,0471	10414911	348,6862
10556111	10,172125	0	2,0464	10556111	177,0436
10536118	8,4830676	0	2,0461	10536118	196,8857
10566229	8,3104015	0	2,045	10566229	110,4131
10534988	5,6408667	0	2,0444	10534988	145,9951
10484712	6,0630605	0	2,044	10484712	182,4179
10438427	5,3646176	0	2,0439	10438427	117,5502
10589192	7,7151683	0	2,0433	10589192	216,539
10504172	14,953365	0	2,043	10504172	843,7388
10531061	6,8349162	0	2,0418	10531061	97,8375
10355528	5,1053238	0	2,0405	10355528	813,2585
10419156	7,8800878	0	2,0399	10419156	179,5041
10599291	12,706996	0	2,0398	10599291	162,004
10388304	9,8648443	0	2,0384	10388304	112,862
10499937	7,2305768	0	2,0373	10499937	509,2985
10414784	13,040884	0	2,0365	10414784	205,1166
10414894	13,040884	0	2,0365	10414894	205,1166
10375553	7,169006	0	2,0362	10375553	117,1034
10389505	6,2526702	0	2,0352	10389505	229,4685
10582884	5,7073672	0	2,0343	10582884	3027,967
10440708	12,018124	0	2,033	10440708	832,3871
10566205	5,1492003	0	2,0329	10566205	157,4996
10570726	15,058172	0	2,0323	10570726	391,7034
10417310	6,563021	0	2,0323	10417310	253,9905
10434226	7,1252034	0	2,0316	10434226	219,2306
10473610	3,9406685	0,002006	2,0301	10473610	196,9473
10414814	7,6616201	0	2,0276	10414814	265,9825

10537642	10,64317	0	2,0271	10537642	163,4434
10485312	8,5340577	0	2,0268	10485312	154,4758
10545196	7,2683359	0	2,0267	10545196	164,322
10424555	6,0137665	0	2,0265	10424555	226,8015
10414234	4,0406979	0,002006	2,0259	10414234	297,95
10510112	4,9116616	0	2,0258	10510112	182,6091
10419429	7,1864253	0	2,024	10419429	107,5362
10504169	14,441015	0	2,0239	10504169	1019,3
10450864	5,1500031	0	2,0238	10450864	129,4596
10552331	11,185413	0	2,0235	10552331	166,0013
10536079	11,185413	0	2,0235	10536079	166,0013
10394860	5,1675834	0	2,0228	10394860	468,8138
10466276	6,1867864	0	2,0224	10466276	94,31696
10512327	13,829432	0	2,0222	10512327	951,4417
10556123	8,7626668	0	2,0215	10556123	112,8149
10553895	9,6453452	0	2,0214	10553895	262,4414
10537499	5,5372821	0	2,0207	10537499	111,6913
10414154	8,4935997	0	2,0206	10414154	1150,419
10417492	4,4749835	0	2,0203	10417492	611,0445
10526783	10,435728	0	2,0203	10526783	148,3639
10566192	5,3782503	0	2,0202	10566192	108,7237
10417485	5,9367001	0	2,0188	10417485	379,817
10563712	10,082655	0	2,0187	10563712	177,447
10450914	8,7374885	0	2,0176	10450914	130,5169
10468970	6,5748524	0	2,0173	10468970	251,5207
10501096	11,672039	0	2,0172	10501096	131,7333
10417461	6,2370944	0	2,017	10417461	717,7953
10417326	5,7008559	0	2,0163	10417326	776,3868
10403054	11,16816	0	2,0157	10403054	282,157
10450906	8,9782298	0	2,0136	10450906	164,5982
10378401	4,9981849	0	2,0129	10378401	256,5726
10552843	4,2282645	0,0011632	2,0128	10552843	249,9811
10532628	4,6384921	0	2,0124	10532628	543,3576
10579772	10,452738	0	2,012	10579772	269,6599
10602341	7,1220242	0	2,0119	10602341	214,9212
10602332	7,1220242	0	2,0119	10602332	214,9212
10490244	8,4041675	0	2,0119	10490244	168,1645
10490271	8,4041675	0	2,0119	10490271	168,1645
10414612	7,5091681	0	2,0115	10414612	254,3969
10552574	7,6864308	0	2,0114	10552574	92,46293
10493834	7,2886105	0	2,01	10493834	101,9867
10591535	5,3472025	0	2,0096	10591535	185,9245
10415425	12,272022	0	2,0096	10415425	105,073
10414245	7,0354041	0	2,0088	10414245	412,817
10512937	11,219676	0	2,0082	10512937	653,4489
10494413	11,219676	0	2,0082	10494413	653,4489
10494421	11,219676	0	2,0082	10494421	653,4489

10500358	11,219676	0	2,0082	10500358	653,4489
10500343	11,219676	0	2,0082	10500343	653,4489
10524394	8,1581194	0	2,0081	10524394	149,3809
10532903	8,1581194	0	2,0081	10532903	149,3809
10513497	4,8132602	0	2,008	10513497	189,8944
10364315	7,2377417	0	2,0072	10364315	210,78
10376412	8,4617686	0	2,0048	10376412	425,1763
10364317	8,4757513	0	2,0047	10364317	225,6573
10412537	4,7152329	0	2,0029	10412537	742,7067
10598763	10,536591	0	2,002	10598763	240,5842
10417421	5,9906086	0	2,002	10417421	832,2028
10605431	11,337021	0	2,0015	10605431	326,8553
10537817	8,3307188	0	2,0014	10537817	143,5713
10507574	7,5216804	0	2,0012	10507574	136,5761
10473551	5,129118	0	2,001	10473551	114,7439
10375543	5,3326296	0	2,0003	10375543	215,1749
10560028	3,3794171	0,0053609	2,0001	10560028	96,51967
10402268	-15,14519	0	0,5	10402268	1537,755
10355984	-12,10106	0	0,4999	10355984	499,9213
10487392	-9,481332	0	0,4999	10487392	268,7994
10437639	-6,504936	0	0,4995	10437639	528,4949
10500666	-8,34194	0	0,4994	10500666	381,3123
10408656	-9,977633	0	0,4994	10408656	262,7245
10544150	-6,71162	0	0,4993	10544150	465,5899
10605315	-7,139282	0	0,4993	10605315	415,9037
10400254	-7,731553	0	0,4991	10400254	397,1628
10410362	-4,922936	0	0,4989	10410362	88,81342
10385511	-4,265905	0,0012306	0,4988	10385511	409,4435
10489503	-5,146775	0	0,4987	10489503	77,39794
10545528	-3,73493	0,0022787	0,4985	10545528	266,1555
10461057	-9,20759	0	0,4979	10461057	98,51614
10410039	-9,202316	0	0,4977	10410039	534,3975
10412260	-8,486805	0	0,4976	10412260	553,8794
10529206	-16,35654	0	0,4975	10529206	296,6543
10497105	-7,255611	0	0,4974	10497105	546,6624
10503222	-8,113198	0	0,4968	10503222	88,40791
10515744	-13,62524	0	0,4966	10515744	412,182
10518473	-9,288874	0	0,4966	10518473	227,6502
10369792	-13,35219	0	0,4966	10369792	737,4457
10409265	-8,731992	0	0,4966	10409265	297,2687
10344803	-2,766934	0,0226286	0,4963	10344803	265,4885
10554969	-12,62983	0	0,4959	10554969	437,4638
10579313	-6,998583	0	0,4953	10579313	289,3571
10355567	-6,984229	0	0,4951	10355567	582,5736
10509901	-13,94438	0	0,4946	10509901	839,2026
10469404	-7,286491	0	0,4945	10469404	221,6817
10392449	-6,364902	0	0,4943	10392449	274,6793

10549760	-11,65856	0	0,4941	10549760	189,5459
10453887	-8,736248	0	0,494	10453887	136,0102
10386455	-18,12163	0	0,4936	10386455	407,8034
10550406	-13,67606	0	0,4935	10550406	165,9616
10535559	-9,289961	0	0,4934	10535559	985,2424
10543802	-10,91041	0	0,4934	10543802	875,6809
10559667	-5,871699	0	0,4928	10559667	101,6617
10348632	-10,34514	0	0,4928	10348632	175,3557
10452295	-8,151198	0	0,4928	10452295	125,3075
10443095	-4,806009	0	0,4927	10443095	202,2061
10449266	-11,2968	0	0,4925	10449266	1137,395
10530841	-19,7307	0	0,4924	10530841	3066,802
10597052	-4,486653	0	0,4924	10597052	165,7669
10390103	-8,334552	0	0,4921	10390103	263,3282
10537353	-6,392753	0	0,492	10537353	131,595
10406736	-15,31428	0	0,492	10406736	237,9421
10463462	-14,14254	0	0,4917	10463462	631,5969
10590844	-9,257024	0	0,4915	10590844	1296,73
10536002	-5,641457	0	0,4914	10536002	129,804
10554005	-6,128115	0	0,4914	10554005	201,1786
10459335	-9,09366	0	0,4912	10459335	104,2472
10505489	-9,49499	0	0,4907	10505489	380,3916
10348858	-8,024095	0	0,4905	10348858	260,0529
10560945	-8,991184	0	0,4904	10560945	222,5174
10391490	-9,739861	0	0,4903	10391490	158,5404
10547830	-11,23168	0	0,4902	10547830	1781,254
10400395	-5,263202	0	0,49	10400395	283,7952
10599377	-9,703976	0	0,4899	10599377	549,4865
10355785	-7,506863	0	0,4898	10355785	99,75706
10544891	-15,79764	0	0,4896	10544891	190,7432
10416800	-8,228649	0	0,4896	10416800	198,1207
10471967	-8,174792	0	0,4896	10471967	204,5723
10471819	-7,354519	0	0,4895	10471819	142,1602
10409464	-17,852	0	0,4893	10409464	449,8069
10483521	-6,245591	0	0,4891	10483521	116,9598
10555174	-5,311383	0	0,4888	10555174	182,7326
10452485	-14,68784	0	0,4887	10452485	779,9335
10606186	-10,14919	0	0,4887	10606186	372,1736
10359929	-7,962843	0	0,4885	10359929	408,5387
10411927	-6,702001	0	0,4884	10411927	143,654
10567213	-4,87919	0	0,4884	10567213	1475,373
10410721	-9,519869	0	0,4883	10410721	142,3479
10459353	-12,85972	0	0,4878	10459353	132,8534
10514956	-8,591025	0	0,4877	10514956	224,7977
10550169	-3,066107	0,0126209	0,4877	10550169	103,6701
10523727	-6,817846	0	0,4875	10523727	537,828
10388018	-7,443475	0	0,4872	10388018	370,2083

10568150	-9,905929	0	0,4871	10568150	323,3965
10497381	-9,123665	0	0,487	10497381	85,86929
10498952	-7,343313	0	0,4868	10498952	301,2213
10440560	-4,797641	0	0,4867	10440560	296,8705
10377859	-6,686495	0	0,4867	10377859	231,1097
10530615	-4,380674	0	0,4866	10530615	72,91167
10593526	-4,143734	0,0012306	0,4865	10593526	217,1572
10367673	-8,374323	0	0,4864	10367673	211,0248
10600169	-12,52227	0	0,4861	10600169	1873,023
10444098	-13,48126	0	0,486	10444098	388,13
10358339	-11,54305	0	0,4859	10358339	938,1423
10350733	-5,228651	0	0,4858	10350733	252,7039
10408870	-5,688225	0	0,4857	10408870	188,222
10596257	-5,352075	0	0,4854	10596257	389,7611
10510546	-10,22822	0	0,4852	10510546	2043,578
10381218	-5,880994	0	0,4851	10381218	157,4427
10531501	-5,555738	0	0,4851	10531501	128,2951
10477717	-9,564763	0	0,4844	10477717	420,1528
10432511	-13,23166	0	0,4842	10432511	387,2553
10401968	-7,260516	0	0,4841	10401968	250,7706
10452257	-9,856499	0	0,484	10452257	291,9607
10474984	-7,746358	0	0,4837	10474984	784,463
10467319	-10,98161	0	0,4837	10467319	232,7698
10466925	-6,983933	0	0,4837	10466925	340,124
10431948	-6,481227	0	0,4834	10431948	100,5077
10551185	-12,63247	0	0,4833	10551185	435,9263
10397975	-7,760618	0	0,4831	10397975	672,8723
10571444	-10,67582	0	0,4831	10571444	269,8787
10459912	-8,917625	0	0,4829	10459912	236,4083
10498379	-11,92814	0	0,4829	10498379	104,3152
10400710	-4,125387	0,0012306	0,4828	10400710	253,7954
10522562	-5,524959	0	0,4828	10522562	125,6609
10607283	-9,786307	0	0,4825	10607283	716,6622
10493245	-8,831433	0	0,482	10493245	305,6198
10382049	-8,834638	0	0,4817	10382049	380,329
10380226	-9,669138	0	0,4817	10380226	155,959
10408928	-9,104333	0	0,4816	10408928	487,4784
10569972	-8,46276	0	0,4815	10569972	347,2307
10370721	-9,681373	0	0,4815	10370721	342,7772
10471337	-8,226368	0	0,4814	10471337	391,2177
10529584	-7,601264	0	0,4811	10529584	205,95
10488185	-15,08087	0	0,4808	10488185	314,2552
10387723	-5,907049	0	0,4807	10387723	72,98142
10425945	-11,80033	0	0,4805	10425945	499,1324
10549102	-6,301905	0	0,4802	10549102	289,2955
10405511	-16,09912	0	0,4799	10405511	512,3836
10496359	-6,879595	0	0,4799	10496359	214,2289

10366229	-6,225369	0	0,4797	10366229	77,8385
10546631	-12,94538	0	0,4796	10546631	513,765
10457729	-8,433508	0	0,4796	10457729	213,2101
10562500	-12,88679	0	0,4795	10562500	329,6366
10495685	-12,74603	0	0,4794	10495685	1397,352
10488459	-5,695924	0	0,4792	10488459	97,36758
10494643	-6,42598	0	0,479	10494643	242,6592
10473250	-5,783758	0	0,4789	10473250	125,3508
10429140	-13,12714	0	0,4782	10429140	913,5407
10393642	-6,607893	0	0,4781	10393642	233,3773
10461721	-7,910598	0	0,4779	10461721	53,79519
10569714	-9,689308	0	0,4779	10569714	245,4331
10426611	-13,21083	0	0,4776	10426611	356,87
10415282	-13,37695	0	0,4775	10415282	713,2419
10596148	-18,71438	0	0,4773	10596148	152,679
10387568	-19,40748	0	0,477	10387568	192,5013
10578950	-7,483873	0	0,477	10578950	107,0185
10555027	-15,83766	0	0,4767	10555027	719,4009
10447275	-5,173576	0	0,4764	10447275	182,3913
10412380	-6,840425	0	0,4758	10412380	195,0482
10377612	-8,121252	0	0,4758	10377612	350,679
10459089	-11,35923	0	0,4754	10459089	668,3175
10563314	-10,67499	0	0,4754	10563314	242,337
10536334	-9,736347	0	0,4751	10536334	83,49715
10456490	-4,424382	0	0,4746	10456490	330,6366
10353899	-10,36654	0	0,4742	10353899	320,8031
10414360	-5,993239	0	0,4742	10414360	193,1133
10393341	-13,72559	0	0,4741	10393341	368,7336
10463070	-5,540583	0	0,4741	10463070	93,72736
10477854	-11,60622	0	0,4741	10477854	311,5685
10572637	-17,99012	0	0,4739	10572637	387,0793
10559207	-13,60226	0	0,4738	10559207	364,0144
10526410	-9,090603	0	0,4737	10526410	427,2417
10370552	-6,772225	0	0,4736	10370552	526,9297
10549222	-14,29442	0	0,4729	10549222	606,6977
10523451	-8,446878	0	0,4727	10523451	310,8535
10382321	-10,46331	0	0,4726	10382321	101,041
10553015	-16,88803	0	0,4726	10553015	263,3534
10465895	-18,52918	0	0,4722	10465895	842,3188
10523506	-7,309508	0	0,4722	10523506	133,9546
10557519	-5,059586	0	0,4719	10557519	133,044
10567964	-9,38846	0	0,4718	10567964	255,924
10527982	-6,686484	0	0,4715	10527982	73,20608
10444658	-14,61637	0	0,4713	10444658	1237,426
10379489	-8,186912	0	0,4712	10379489	398,4019
10517587	-7,806863	0	0,4712	10517587	151,1091
10392484	-11,12739	0	0,4711	10392484	55,08661

10443009	-17,83701	0	0,4708	10443009	1386,228
10544837	-12,0338	0	0,4706	10544837	174,7841
10494781	-10,11659	0	0,4706	10494781	298,6034
10456522	-18,57291	0	0,4705	10456522	976,9309
10578123	-8,884487	0	0,4702	10578123	1068,01
10439651	-14,75157	0	0,4702	10439651	186,8351
10496169	-7,73726	0	0,4699	10496169	226,4473
10534456	-13,33027	0	0,4698	10534456	305,8296
10562096	-8,536412	0	0,4698	10562096	505,5999
10355214	-12,40447	0	0,4695	10355214	1917,75
10503182	-5,596151	0	0,4695	10503182	214,4512
10460237	-13,15526	0	0,4693	10460237	105,9115
10597575	-8,01625	0	0,4685	10597575	384,8885
10485198	-6,61627	0	0,4685	10485198	503,0529
10536593	-2,983165	0,0132411	0,4684	10536593	298,3037
10371332	-13,68087	0	0,468	10371332	257,4409
10592084	-9,509296	0	0,4678	10592084	474,7413
10561178	-11,08213	0	0,4671	10561178	332,1422
10542880	-9,935947	0	0,4668	10542880	164,0254
10349529	-6,824151	0	0,4664	10349529	90,3186
10416004	-8,928874	0	0,466	10416004	84,98629
10465395	-7,0743	0	0,466	10465395	163,794
10493435	-18,74858	0	0,4659	10493435	411,629
10376326	-8,902841	0	0,4656	10376326	81,25457
10500295	-16,11662	0	0,4652	10500295	465,4154
10419082	-8,996588	0	0,4649	10419082	1106,254
10591620	-10,36174	0	0,4647	10591620	197,2233
10569057	-12,17331	0	0,4645	10569057	804,6108
10358713	-8,583461	0	0,4645	10358713	122,404
10382912	-18,3494	0	0,4645	10382912	961,8633
10594948	-11,76274	0	0,4645	10594948	232,8882
10421269	-12,31733	0	0,4645	10421269	267,3251
10468869	-6,706487	0	0,4643	10468869	708,3689
10533929	-17,36759	0	0,4642	10533929	648,7648
10591139	-7,076776	0	0,4641	10591139	123,9812
10540207	-13,21283	0	0,464	10540207	85,8509
10381211	-15,21762	0	0,4638	10381211	239,7194
10465619	-7,166799	0	0,4635	10465619	220,9478
10472050	-10,44565	0	0,4634	10472050	141,7329
10585398	-10,96524	0	0,4632	10585398	116,6857
10384579	-12,39346	0	0,463	10384579	702,219
10604656	-7,487394	0	0,4628	10604656	77,73048
10355813	-9,66792	0	0,4626	10355813	325,6881
10381096	-13,67752	0	0,4624	10381096	974,5212
10401114	-6,98438	0	0,4617	10401114	129,5256
10395612	-5,468237	0	0,4616	10395612	457,1141
10567010	-6,903511	0	0,4609	10567010	178,3394

10577641	-7,02248	0	0,4608	10577641	92,39801
10469151	-11,55932	0	0,4607	10469151	155,8441
10358533	-4,776804	0	0,4599	10358533	211,4676
10379518	-5,20897	0	0,4599	10379518	149,8806
10385966	-12,61284	0	0,4595	10385966	697,8308
10493519	-8,427384	0	0,4595	10493519	470,9599
10495993	-10,53813	0	0,4595	10495993	559,2686
10519555	-7,139156	0	0,4593	10519555	64,00372
10346564	-11,56423	0	0,459	10346564	1142,853
10528583	-10,63083	0	0,4585	10528583	432,7732
10344817	-3,26378	0,0054556	0,4579	10344817	141,97
10585980	-5,999845	0	0,4578	10585980	129,6993
10362294	-17,56072	0	0,4577	10362294	318,1134
10380566	-5,740664	0	0,4577	10380566	77,89747
10516956	-15,31876	0	0,4575	10516956	321,112
10599530	-8,285762	0	0,4573	10599530	74,84222
10523120	-10,07156	0	0,4572	10523120	49,76971
10475544	-9,217496	0	0,457	10475544	772,8567
10519815	-8,750847	0	0,4569	10519815	195,2935
10521626	-13,6837	0	0,4568	10521626	137,4708
10601659	-7,246808	0	0,4566	10601659	128,4767
10376021	-14,75087	0	0,4563	10376021	286,5184
10388465	-13,573	0	0,4562	10388465	260,5768
10551614	-10,59113	0	0,4561	10551614	431,3939
10546535	-7,471251	0	0,4554	10546535	131,363
10430358	-8,377456	0	0,4553	10430358	116,1579
10506050	-7,036111	0	0,4553	10506050	376,4945
10350297	-11,72754	0	0,455	10350297	276,0126
10422164	-6,860872	0	0,4549	10422164	81,33829
10571142	-10,60568	0	0,4548	10571142	169,9218
10585874	-15,02768	0	0,4545	10585874	553,2808
10583732	-13,11895	0	0,4542	10583732	294,2324
10540122	-8,737561	0	0,454	10540122	492,8723
10490690	-10,64451	0	0,4537	10490690	173,2691
10446907	-5,186567	0	0,4535	10446907	153,818
10537062	-18,81831	0	0,4534	10537062	1762,728
10501208	-8,566137	0	0,4534	10501208	146,3115
10406676	-20,29713	0	0,4531	10406676	652,7625
10385776	-7,088541	0	0,4529	10385776	157,6667
10574259	-15,90192	0	0,4529	10574259	971,1059
10591781	-10,17858	0	0,4527	10591781	510,8472
10430660	-10,79681	0	0,4526	10430660	196,1308
10484197	-5,546297	0	0,4525	10484197	114,2458
10525439	-12,56458	0	0,4525	10525439	367,3332
10603182	-8,516716	0	0,4523	10603182	202,1891
10475890	-14,65956	0	0,4523	10475890	195,6563
10385248	-6,232076	0	0,4516	10385248	267,1947

10546891	-16,73785	0	0,4509	10546891	274,42
10491773	-6,076948	0	0,4507	10491773	228,4376
10496204	-10,07395	0	0,4506	10496204	333,0081
10439442	-6,455078	0	0,45	10439442	108,9403
10586448	-4,384852	0	0,4498	10586448	317,4248
10496580	-4,689717	0	0,4496	10496580	82,74836
10569341	-15,06649	0	0,4494	10569341	453,5459
10428796	-13,81635	0	0,449	10428796	200,8742
10435769	-15,08816	0	0,4489	10435769	451,8928
10398091	-9,847039	0	0,4488	10398091	164,6416
10523320	-5,237026	0	0,4486	10523320	139,3276
10498383	-10,64656	0	0,4483	10498383	131,0265
10440566	-5,229935	0	0,4481	10440566	283,7969
10359870	-10,01372	0	0,4476	10359870	531,8977
10559790	-6,196299	0	0,4475	10559790	209,7795
10466779	-10,49314	0	0,4471	10466779	166,8554
10363786	-12,86171	0	0,447	10363786	119,5234
10512949	-11,14217	0	0,4466	10512949	265,7252
10591169	-5,543553	0	0,4459	10591169	56,60901
10366956	-14,51999	0	0,4457	10366956	457,7685
10581175	-9,226984	0	0,4454	10581175	157,451
10537157	-11,01014	0	0,4452	10537157	217,7713
10472846	-5,462383	0	0,4448	10472846	206,3615
10449258	-8,249398	0	0,4445	10449258	145,7686
10368647	-8,654162	0	0,4444	10368647	285,1407
10547657	-7,889543	0	0,4442	10547657	109,1686
10450374	-12,00701	0	0,4442	10450374	239,0327
10401244	-11,01664	0	0,4441	10401244	1250,429
10467124	-21,03258	0	0,4438	10467124	344,5052
10593937	-12,22403	0	0,4435	10593937	335,8036
10574427	-2,979733	0,0132411	0,4431	10574427	167,1581
10346164	-4,479088	0	0,443	10346164	87,49534
10398721	-8,162769	0	0,4429	10398721	236,4848
10556082	-9,11247	0	0,4426	10556082	228,3699
10536056	-5,368418	0	0,4416	10536056	131,7504
10434806	-18,14961	0	0,4414	10434806	1131,272
10369844	-16,85505	0	0,4413	10369844	410,8887
10392881	-7,854214	0	0,4412	10392881	204,1723
10511588	-16,75164	0	0,4408	10511588	178,8271
10465314	-11,34388	0	0,4407	10465314	169,5816
10435791	-8,138381	0	0,4405	10435791	70,9873
10539143	-14,93002	0	0,4404	10539143	157,4325
10356520	-13,01441	0	0,4404	10356520	198,7804
10566358	-8,68266	0	0,4401	10566358	65,77906
10346843	-16,26205	0	0,4399	10346843	196,4808
10526302	-12,97178	0	0,4397	10526302	276,1743
10355534	-13,18178	0	0,4395	10355534	278,4884

10399710	-12,48058	0	0,4395	10399710	81,99588
10423505	-14,67766	0	0,4394	10423505	96,09595
10481845	-8,403865	0	0,4394	10481845	256,4136
10555235	-20,77523	0	0,4394	10555235	236,4126
10447341	-9,615064	0	0,4393	10447341	237,6245
10597531	-21,16221	0	0,4387	10597531	359,8603
10436830	-6,257377	0	0,4386	10436830	815,4176
10393559	-12,95467	0	0,4384	10393559	629,4525
10554574	-16,70503	0	0,4384	10554574	99,10789
10437655	-6,982758	0	0,4384	10437655	112,9793
10555389	-19,85167	0	0,4381	10555389	816,1505
10374083	-16,20706	0	0,438	10374083	496,2265
10368739	-9,643053	0	0,4378	10368739	255,6151
10516596	-7,536206	0	0,4377	10516596	143,6295
10503023	-7,438361	0	0,4375	10503023	229,1414
10547282	-5,259846	0	0,4374	10547282	115,0443
10574471	-12,28033	0	0,4372	10574471	1374,313
10583586	-11,19713	0	0,4371	10583586	468,4022
10536794	-11,73078	0	0,4371	10536794	246,5537
10507101	-14,56821	0	0,4371	10507101	235,5593
10548905	-14,87055	0	0,437	10548905	309,3105
10491038	-9,276089	0	0,4367	10491038	463,3247
10505143	-10,36808	0	0,4366	10505143	106,6557
10384233	-7,714207	0	0,4365	10384233	571,41
10516484	-9,099128	0	0,4364	10516484	81,19019
10498018	-11,5777	0	0,4364	10498018	498,324
10435789	-9,210466	0	0,436	10435789	488,3934
10360479	-8,812754	0	0,4358	10360479	567,5641
10442250	-5,34066	0	0,4357	10442250	155,6524
10567995	-24,89217	0	0,4356	10567995	1093,722
10557326	-14,7631	0	0,4349	10557326	311,5083
10595211	-17,00496	0	0,4347	10595211	173,5758
10424404	-8,393463	0	0,4347	10424404	72,11445
10440964	-6,804557	0	0,4341	10440964	360,0923
10471555	-10,33778	0	0,434	10471555	384,029
10487906	-14,77802	0	0,4339	10487906	999,6396
10544573	-11,89303	0	0,4336	10544573	196,3091
10517677	-9,413335	0	0,4331	10517677	255,3162
10358457	-4,572552	0	0,433	10358457	293,3071
10531588	-14,69263	0	0,4329	10531588	117,4076
10352234	-9,135864	0	0,4328	10352234	336,9795
10592106	-11,96762	0	0,4319	10592106	193,2568
10542460	-16,40271	0	0,4317	10542460	309,4788
10374464	-10,20167	0	0,4315	10374464	454,0207
10536505	-14,89105	0	0,4313	10536505	124,0879
10588263	-5,73122	0	0,4312	10588263	182,0764
10497817	-9,973939	0	0,431	10497817	2196,396

10408008	-4,729593	0	0,4306	10408008	74,58447
10595680	-9,35062	0	0,4296	10595680	438,112
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10491191	-6,585588	0	0,4292	10491191	187,485
10439612	-23,99297	0	0,4292	10439612	388,0202
10474700	-22,27366	0	0,4289	10474700	1870,232
10539592	-10,77421	0	0,4285	10539592	258,7978
10557960	-12,08913	0	0,428	10557960	359,4701
10599120	-11,15485	0	0,4269	10599120	244,5685
10544610	-18,62648	0	0,4267	10544610	141,5575
10519988	-12,63322	0	0,4265	10519988	125,6049
10435641	-13,68684	0	0,4261	10435641	928,1373
10572130	-12,16457	0	0,4259	10572130	516,4041
10509063	-9,127733	0	0,4258	10509063	102,2396
10606997	-12,57126	0	0,4256	10606997	77,12318
10586865	-17,6714	0	0,4253	10586865	900,8569
10436106	-7,43773	0	0,4248	10436106	285,2196
10496638	-11,51523	0	0,4237	10496638	114,8156
10592719	-14,57801	0	0,4233	10592719	362,5891
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10379044	-16,91024	0	0,4231	10379044	480,2626
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10564909	-12,74855	0	0,4224	10564909	469,9358
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10463704	-5,356103	0	0,4221	10463704	193,1166
10424213	-10,3507	0	0,4209	10424213	162,0903
10434758	-12,34837	0	0,4209	10434758	352,3236
10484227	-9,059554	0	0,4207	10484227	159,6883
10529979	-9,535374	0	0,4205	10529979	154,611
10545958	-15,8967	0	0,4199	10545958	366,958
10442027	-3,708379	0,0022787	0,4197	10442027	276,0208
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10378053	-8,759936	0	0,4187	10378053	139,1404
10487748	-9,257723	0	0,4181	10487748	328,9995
10538187	-10,19327	0	0,4179	10538187	100,5833
10536563	-13,27075	0	0,4178	10536563	74,52173
10528207	-9,750902	0	0,4177	10528207	64,90394
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10465521	-20,70525	0	0,4172	10465521	362,0124
10494351	-7,681953	0	0,4169	10494351	122,0976
10598403	-8,812967	0	0,4167	10598403	376,9368
10391454	-16,86563	0	0,4166	10391454	1096,873
10369615	-13,85	0	0,4163	10369615	562,8799

10423498	-10,55014	0	0,4157	10423498	751,8973
10538482	-10,91264	0	0,4157	10538482	134,9037
10490838	-11,48238	0	0,4152	10490838	258,4017
10436841	-10,47024	0	0,4151	10436841	324,8498
10582303	-13,18909	0	0,4145	10582303	487,1836
10366796	-9,789942	0	0,4138	10366796	226,989
10563597	-13,12881	0	0,4138	10563597	110,6366
10433114	-10,60981	0	0,4134	10433114	983,3952
10572077	-4,607289	0	0,4134	10572077	322,8289
10363241	-14,81161	0	0,4129	10363241	186,7398
10562657	-3,375513	0,0046295	0,4127	10562657	196,6623
10530269	-6,4937	0	0,4123	10530269	120,1342
10399540	-11,69694	0	0,4122	10399540	264,6082
10388430	-17,66933	0	0,4117	10388430	344,8007
10428536	-11,0467	0	0,4111	10428536	174,3878
10492689	-7,614504	0	0,411	10492689	161,0546
10589773	-5,970591	0	0,411	10589773	206,8485
10498972	-10,84414	0	0,4108	10498972	216,9268
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10373571	-9,447697	0	0,4105	10373571	235,1585
10499854	-10,50716	0	0,4105	10499854	402,7285
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10585699	-11,73972	0	0,4104	10585699	269,9786
10528664	-13,61856	0	0,4102	10528664	147,6425
10544477	-8,387712	0	0,4102	10544477	453,9553
10514221	-22,60367	0	0,4101	10514221	618,8603
10587616	-11,31865	0	0,4099	10587616	701,7958
10456699	-20,24362	0	0,4096	10456699	776,97
10506188	-10,29398	0	0,4094	10506188	391,8197
10495830	-12,83396	0	0,4084	10495830	276,173
10548892	-6,273712	0	0,4081	10548892	115,6684
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10529264	-9,846842	0	0,4079	10529264	135,6593
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10471844	-18,38404	0	0,4078	10471844	372,5916
10557459	-13,3269	0	0,4075	10557459	1026,113
10604347	-13,07152	0	0,4073	10604347	170,9848
10426315	-11,87957	0	0,4066	10426315	175,0325
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10384956	-6,939043	0	0,4062	10384956	188,7141
10355536	-17,18921	0	0,406	10355536	426,6646
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10491056	-10,78014	0	0,4046	10491056	303,1754
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10438708	-12,38942	0	0,4043	10438708	357,5517

10537169	-15,84317	0	0,4042	10537169	57,14104
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10588509	-19,32353	0	0,4004	10588509	226,8697
10421697	-12,82271	0	0,4004	10421697	132,9262

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10406777	-11,37242	0	0,4001	10406777	
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10584317	-15,25527	0	0,3977	10584317	184,95175
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10424676	-15,95336	0	0,3838	10424676	160,21129
10435271	-15,90704	0	0,3834	10435271	159,69586
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10496438	-10,23646	0	0,3717	10496438	145,26393
10467258	-8,974425	0	0,3717	10467258	144,7485
10499666	-13,77594	0	0,3716	10499666	144,23308
10567355	-7,073943	0	0,3702	10567355	143,71765
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10423049	-10,61488	0	0,3696	10423049	141,65595
10560685	-20,06475	0	0,3686	10560685	141,14052
10440344	-11,38047	0	0,3683	10440344	140,62509
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10360053	-18,32785	0	0,3658	10360053	136,50168
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10489759	-14,20334	0	0,3643	10489759	132,8937
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10389231	-13,99395	0	0,3641	10389231	131,86285
10447461	-14,10265	0	0,3639	10447461	131,34742
10479981	-14,49115	0	0,3627	10479981	130,83199
10485624	-10,70162	0	0,3623	10485624	130,31657
10362138	-10,89017	0	0,3621	10362138	129,80114
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10528143	-10,60878	0	0,3607	10528143	127,73944
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10596200	-12,06838	0	0,3564	10596200	120,52347
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10599581	-24,24951	0	0,3551	10599581	118,46177
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10365482	-20,77142	0	0,3517	10365482	112,27665
10564857	-11,30502	0	0,3515	10564857	111,76122
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10405179	-16,41936	0	0,3505	10405179	110,73037
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10503180	-6,381679	0	0,3501	10503180	109,18409
10481518	-16,22558	0	0,35	10481518	108,66867
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707,3096	723,3693	240,466	235,7022	225,9416	10563999	10563999
707,3096	723,3693	240,466	235,7022	225,9416	10563953	10563953
707,3096	723,3693	240,466	235,7022	225,9416	10564067	10564067
707,3096	723,3693	240,466	235,7022	225,9416	10564081	10564081
707,3096	723,3693	240,466	235,7022	225,9416	10564133	10564133
707,3096	723,3693	240,466	235,7022	225,9416	10564131	10564131
707,3096	723,3693	240,466	235,7022	225,9416	10564151	10564151
707,3096	723,3693	240,466	235,7022	225,9416	10564029	10564029
707,3096	723,3693	240,466	235,7022	225,9416	10564075	10564075
707,3096	723,3693	240,466	235,7022	225,9416	10564155	10564155
707,3096	723,3693	240,466	235,7022	225,9416	10564039	10564039
707,3096	723,3693	240,466	235,7022	225,9416	10564007	10564007

1024,954	1000,803	329,881	307,192	311,378	10405811	10405811
572,4546	571,1234	191,762	194,6968	182,6288	10563935	10563935
572,4546	571,1234	191,762	194,6968	182,6288	10564045	10564045
572,4546	571,1234	191,762	194,6968	182,6288	10564047	10564047
1398,452	1314,853	427,8607	417,039	472,9919	10598225	10598225
682,366	649,3775	208,1221	207,3494	205,9321	10347915	10347915
759,0616	685,0076	236,038	223,3878	221,8265	10599064	10599064
542,0865	479,597	161,3207	164,3757	158,9407	10356274	10356274
1001,422	884,3292	304,8126	286,9017	292,5395	10599075	10599075
1001,422	884,3292	304,8126	286,9017	292,5395	10603964	10603964
1001,422	884,3292	304,8126	286,9017	292,5395	10604008	10604008
1001,422	884,3292	304,8126	286,9017	292,5395	10599107	10599107
1001,422	884,3292	304,8126	286,9017	292,5395	10603997	10603997
614,8248	573,9334	203,487	208,7929	199,3558	10564033	10564033
601,0353	601,0556	204,0713	209,1032	197,5676	10564013	10564013
601,0353	601,0556	204,0713	209,1032	197,5676	10564017	10564017
694,1103	597,8483	212,1461	206,9157	207,2103	10603953	10603953
705,4213	735,35	253,7385	244,6034	237,2075	10564089	10564089
576,4783	586,4901	203,3278	210,3009	196,1695	10564023	10564023
714,576	725,0405	252,9385	245,4786	239,3233	10564107	10564107
714,576	725,0405	252,9385	245,4786	239,3233	10564139	10564139
714,576	725,0405	252,9385	245,4786	239,3233	10564093	10564093
714,576	725,0405	252,9385	245,4786	239,3233	10564115	10564115
714,576	725,0405	252,9385	245,4786	239,3233	10564103	10564103
714,576	725,0405	252,9385	245,4786	239,3233	10564027	10564027
714,576	725,0405	252,9385	245,4786	239,3233	10564077	10564077
714,576	725,0405	252,9385	245,4786	239,3233	10564087	10564087
714,576	725,0405	252,9385	245,4786	239,3233	10564119	10564119
714,576	725,0405	252,9385	245,4786	239,3233	10564127	10564127
714,576	725,0405	252,9385	245,4786	239,3233	10564123	10564123
714,576	725,0405	252,9385	245,4786	239,3233	10564099	10564099
714,576	725,0405	252,9385	245,4786	239,3233	10564101	10564101
714,576	725,0405	252,9385	245,4786	239,3233	10564125	10564125
714,576	725,0405	252,9385	245,4786	239,3233	10564129	10564129
714,576	725,0405	252,9385	245,4786	239,3233	10564095	10564095
714,576	725,0405	252,9385	245,4786	239,3233	10564113	10564113
714,576	725,0405	252,9385	245,4786	239,3233	10564121	10564121
714,576	725,0405	252,9385	245,4786	239,3233	10564105	10564105
714,576	725,0405	252,9385	245,4786	239,3233	10564079	10564079
714,576	725,0405	252,9385	245,4786	239,3233	10564085	10564085
714,576	725,0405	252,9385	245,4786	239,3233	10564091	10564091
714,576	725,0405	252,9385	245,4786	239,3233	10564097	10564097
1166,137	1013,835	358,2037	347,4112	395,5962	10598218	10598218
639,8993	613,857	221,8121	219,6328	205,3435	10563913	10563913
639,8993	613,857	221,8121	219,6328	205,3435	10563917	10563917
639,8993	613,857	221,8121	219,6328	205,3435	10563923	10563923
1082,383	957,3038	332,3882	326,9143	366,1499	10603237	10603237

1082,383	957,3038	332,3882	326,9143	366,1499	10603232	10603232
645,0897	731,7104	228,5253	228,3824	243,3152	10563993	10563993
645,0897	731,7104	228,5253	228,3824	243,3152	10564021	10564021
645,0897	731,7104	228,5253	228,3824	243,3152	10564025	10564025
598,2563	609,524	213,8346	201,5228	213,2297	10564043	10564043
598,2563	609,524	213,8346	201,5228	213,2297	10563967	10563967
598,2563	609,524	213,8346	201,5228	213,2297	10563971	10563971
598,2563	609,524	213,8346	201,5228	213,2297	10563965	10563965
645,8129	599,3333	198,069	205,9263	207,6797	10603538	10603538
295,0943	295,3377	107,1071	96,23988	105,7065	10563987	10563987
295,0943	295,3377	107,1071	96,23988	105,7065	10563975	10563975
295,0943	295,3377	107,1071	96,23988	105,7065	10564009	10564009
295,0943	295,3377	107,1071	96,23988	105,7065	10563981	10563981
662,0001	625,624	206,3494	208,6879	206,6605	10347925	10347925
560,5967	502,8694	177,2935	175,3583	172,1406	10603936	10603936
538,4922	576,8835	195,2937	204,02	190,4014	10564147	10564147
538,4922	576,8835	195,2937	204,02	190,4014	10564143	10564143
538,2755	576,4196	195,2937	204,0583	190,2431	10564135	10564135
2581,934	2586,864	810,0656	833,6172	877,3148	10602221	10602221
973,603	876,4384	306,415	304,5097	339,5403	10598183	10598183
312,7233	286,7511	110,3388	105,5671	106,2732	10564111	10564111
661,0415	518,6367	200,0185	182,5974	178,8453	10515830	10515830
805,9182	679,5895	243,1531	228,0605	257,5276	10559928	10559928
946,6281	854,8948	309,5099	301,781	335,8764	10598220	10598220
307,487	302,193	102,3085	97,91864	115,4311	10603911	10603911
555,0886	559,8297	197,5034	211,1335	186,4874	10564019	10564019
838,9053	728,7664	256,8064	263,7982	258,2951	10549921	10549921
494,0369	525,7996	182,8902	195,678	183,7131	10564137	10564137
1341,19	1460,077	428,3302	462,1971	454,0526	10569306	10569306
576,1381	524,0106	199,6281	183,4732	185,4529	10603926	10603926
1468,076	1691,962	461,9699	521,8032	506,1223	10559172	10559172
551,0094	486,6162	174,8178	167,7359	174,0046	10560752	10560752
541,0287	493,4106	188,3914	203,4373	179,5954	10563955	10563955
805,8057	684,4821	241,12	265,8576	257,4918	10570634	10570634
101,082	77,57712	38,94424	26,92802	28,55501	10557175	10557175
542,5034	486,5805	185,6198	181,291	177,4402	10599673	10599673
699,326	656,2253	228,021	234,331	233,3471	10577388	10577388
465,2866	340,6705	131,0697	127,2924	149,2805	10559890	10559890
876,9919	713,941	287,4545	278,4666	277,5894	10550208	10550208
436,9381	399,4078	126,9323	141,7265	143,2515	10569291	10569291
916,6815	726,9534	300,1232	290,8652	293,7815	10550193	10550193
534,2022	606,2046	217,9315	213,3193	211,0537	10564069	10564069
534,2022	606,2046	217,9315	213,3193	211,0537	10564073	10564073
500,3058	389,0123	150,593	154,5571	159,9781	10559931	10559931
438,6101	384,8376	144,2736	132,0982	142,3937	10550760	10550760
1647,343	1975,197	584,951	583,9369	595,0797	10364328	10364328
768,2078	619,7814	244,9822	241,995	246,949	10550189	10550189

484,6358	358,7442	137,7805	147,7455	152,0519	10366739	10366739
373,2572	259,1766	100,6652	102,8153	116,0962	10549917	10549917
691,0749	552,223	219,5007	210,752	227,2607	10549923	10549923
2074,017	1932,724	702,5398	687,8927	711,2644	10599092	10599092
461,7079	359,9069	140,7735	142,0189	148,1893	10559908	10559908
654,7578	510,7368	205,137	208,5697	213,4065	10559871	10559871
884,3953	805,2967	297,3743	301,309	313,4181	10419122	10419122
1529,71	1490,395	533,8386	526,317	553,3301	10598229	10598229
344,3033	287,6635	110,8859	110,0036	108,1669	10560780	10560780
2389,492	2250,925	821,697	803,7879	843,4248	10603228	10603228
1159,019	1093,825	367,9473	423,6529	438,5484	10542221	10542221
439,552	332,7384	137,1172	145,1303	127,0761	10405870	10405870
1229,763	1439,445	485,535	457,9849	452,4828	10569296	10569296
3306,171	3667,405	1199,988	1255,492	1240,603	10492424	10492424
385,4474	326,5224	126,9139	126,4215	125,2124	10560728	10560728
1553,468	1442,54	537,8607	532,6648	542,1392	10598187	10598187
867,0169	827,3775	306,3099	313,266	321,0339	10419119	10419119
565,0317	495,6551	198,3428	192,8232	186,4732	10603914	10603914
276,5137	263,8867	92,01067	87,70534	98,73523	10559181	10559181
691,9388	603,1958	219,6078	241,103	239,4954	10579054	10579054
280,9075	254,7621	109,1135	100,2872	114,4341	10563905	10563905
280,9075	254,7621	109,1135	100,2872	114,4341	10563907	10563907
789,5316	788,5411	286,8672	270,2995	274,4207	10514325	10514325
473,9787	367,702	148,5816	154,3	159,8629	10549904	10549904
251,0798	203,1347	83,54192	80,76675	81,67094	10560740	10560740
251,0798	203,1347	83,54192	80,76675	81,67094	10560787	10560787
447,8943	473,8829	184,84	171,1174	169,3246	10603230	10603230
447,8943	473,8829	184,84	171,1174	169,3246	10600480	10600480
447,8943	473,8829	184,84	171,1174	169,3246	10605353	10605353
618,9601	557,1683	211,3344	217,603	211,4564	10577361	10577361
388,3782	311,9151	139,4738	140,6201	141,3427	10563939	10563939
439,204	340,9914	139,7825	145,1303	135,4102	10410204	10410204
815,0781	861,6285	300,6363	296,6364	280,1029	10514329	10514329
520,0989	395,206	166,749	170,112	170,2076	10549938	10549938
297,6407	271,4183	94,70938	106,6138	105,5821	10549990	10549990
700,1304	662,2294	253,6025	263,5014	271,5246	10419116	10419116
698,1722	725,1302	212,7908	243,4317	231,929	10414736	10414736
486,9663	361,8484	144,7579	164,2752	160,1547	10559894	10559894
332,2658	265,7004	109,064	109,1386	109,2294	10560785	10560785
502,1682	387,2771	167,8397	159,0265	162,4651	10410216	10410216
2241,948	2236,462	804,5151	809,2001	804,4443	10468089	10468089
567,8186	520,8145	195,1911	197,8169	178,8251	10404008	10404008
372,6532	319,2689	127,9566	126,0587	129,5325	10560783	10560783
372,6532	319,2689	127,9566	126,0587	129,5325	10560730	10560730
551,0546	427,2022	179,8712	181,4694	180,3293	10559883	10559883
521,3339	409,4102	168,1699	178,7299	169,343	10559901	10559901
771,2847	769,4774	283,5154	271,4042	272,9587	10514331	10514331

619,3592	535,5515	204,995	220,9878	220,4449	10579060	10579060
414,5549	312,3013	142,2022	148,9814	148,8817	10419125	10419125
266,8195	200,9215	87,90018	84,92847	86,30217	10560732	10560732
362,6519	305,1448	113,1981	120,1562	126,1783	10527878	10527878
318,5894	337,6837	112,8737	107,7758	108,0073	10450197	10450197
242,3972	230,9475	99,90649	98,64644	101,5626	10564053	10564053
242,3972	230,9475	99,90649	98,64644	101,5626	10564055	10564055
788,5145	781,254	291,9078	274,2062	280,2683	10514327	10514327
406,7868	309,935	129,681	153,6956	123,0952	10416175	10416175
336,5287	286,3982	111,3103	113,099	115,4341	10560744	10560744
494,958	352,9962	158,443	166,6356	151,6923	10405879	10405879
305,6578	329,9213	112,499	109,8233	118,9999	10386185	10386185
328,6566	280,9754	115,4559	113,8795	116,3452	10550770	10550770
460,7655	435,4638	160,4335	170,6146	165,3103	10558655	10558655
340,6086	275,3438	114,0338	113,6893	114,4439	10560795	10560795
280,8033	408,4949	108,0562	94,9801	121,1248	10491897	10491897
841,6626	865,6213	313,5177	300,2802	305,067	10436766	10436766
1161,378	1603,304	459,2424	473,9703	484,9698	10414706	10414706
246,7103	198,5712	93,60069	88,63094	113,5394	10563943	10563943
754,623	760,4232	285,7764	305,557	302,2909	10528183	10528183
548,408	518,9224	214,9476	186,7932	184,9784	10515826	10515826
386,3241	360,6011	124,6574	162,6213	145,7691	10521811	10521811
600,942	293,9946	150,7938	161,2368	152,2456	10417068	10417068
358,6309	332,4227	123,8158	132,4458	132,319	10530722	10530722
396,5508	366,7507	159,5216	166,6505	156,4467	10505258	10505258
396,5508	366,7507	159,5216	166,6505	156,4467	10505246	10505246
3068,571	3537,574	1244,548	1285,752	1228,401	10440909	10440909
5204,29	5456,879	2091,97	1940,01	1963,179	10434285	10434285
521,4745	530,5626	170,0867	205,3635	198,4036	10492452	10492452
416,3523	472,2218	183,01	171,8883	178,0991	10603242	10603242
366,5132	312,5948	127,7925	128,5467	134,3791	10560797	10560797
2168,065	1940,361	763,6511	769,1855	783,6544	10412517	10412517
257,7108	239,9363	95,75921	106,4386	103,1743	10505254	10505254
434,6223	419,405	164,5284	144,3536	154,2133	10408130	10408130
492,7903	423,3178	170,6861	185,0041	170,2852	10572527	10572527
487,8636	350,6477	157,9894	165,7627	154,5582	10410252	10410252
252,7854	208,0803	87,79835	81,95988	91,41303	10560789	10560789
243,2592	202,045	86,00006	79,11407	88,98975	10560742	10560742
1040,34	1295,839	399,9889	414,5922	453,2456	10576556	10576556
438,8465	417,0396	169,7789	178,6519	182,4586	10419147	10419147
1172,393	1353,155	443,6892	461,03	460,9605	10569308	10569308
191,2389	202,9608	77,93643	87,52579	73,10191	10563945	10563945
4161,151	4363,112	1647,336	1635,349	1574,422	10425761	10425761
469,7448	447,9272	169,6997	168,714	174,0648	10558649	10558649
323,4615	266,8891	113,6308	111,1423	114,0152	10550782	10550782
1115,687	939,953	388,1895	388,7871	407,049	10366881	10366881
438,8216	371,5368	151,3229	155,6398	150,1994	10512332	10512332

438,8216	371,5368	151,3229	155,6398	150,1994	10512354	10512354
471,7429	396,6075	156,8171	163,3343	166,9547	10429491	10429491
437,6035	409,5461	168,708	178,6375	182,5091	10419132	10419132
1865,206	1659,078	696,6831	735,5829	674,4598	10404053	10404053
437,6035	409,5461	168,708	178,6375	182,5091	10419128	10419128
688,5237	782,059	292,9916	276,181	299,4492	10571824	10571824
498,8791	499,5017	174,3249	184,4368	194,6387	10404004	10404004
688,4531	649,3029	252,2324	237,7667	255,3031	10558653	10558653
3433,7	3652,912	1429,25	1468,727	1331,475	10597074	10597074
279,4822	246,5185	101,689	125,1888	103,5823	10564005	10564005
1538,744	1401,082	585,9952	610,9504	622,0352	10564183	10564183
1274,377	1643,194	499,9041	568,8867	561,3357	10552249	10552249
190,3405	156,487	62,4227	64,07696	64,62073	10554321	10554321
367,7518	299,569	134,8785	132,1662	132,5091	10598538	10598538
305,1075	297,589	116,9872	111,2694	115,4136	10531507	10531507
305,1075	297,589	116,9872	111,2694	115,4136	10530726	10530726
327,9596	317,1732	106,2887	118,6797	123,7126	10386191	10386191
143,2581	219,5197	69,04259	71,38053	63,54499	10532267	10532267
306,4855	280,2181	112,3111	114,5332	116,4418	10531518	10531518
267,8111	244,97	100,1922	100,2252	100,7107	10536136	10536136
267,8111	244,97	100,1922	100,2252	100,7107	10536085	10536085
267,8111	244,97	100,1922	100,2252	100,7107	10535989	10535989
2664,537	3055,321	1073,815	1135,059	1140,802	10373651	10373651
1586,688	1435,66	605,16	640,6895	651,3926	10564161	10564161
368,4521	365,192	147,9554	149,6643	159,9207	10519688	10519688
534,0327	444,08	193,9311	181,8246	184,3903	10515828	10515828
321,8599	237,825	110,5029	108,5429	114,1584	10551250	10551250
720,354	719,7752	296,4996	269,3686	306,752	10363144	10363144
692,3813	988,03	301,1871	279,4236	304,9313	10414932	10414932
334,0993	301,1511	121,5751	124,3849	127,2682	10550765	10550765
1570,122	1886,907	699,277	678,1149	725,2893	10442254	10442254
128,9659	108,9781	51,26226	51,85366	55,53193	10563909	10563909
1457,459	1411,941	570,9897	594,0727	628,0244	10564159	10564159
1579,433	1454,969	614,1817	637,7599	654,8222	10564205	10564205
1579,433	1454,969	614,1817	637,7599	654,8222	10564187	10564187
1579,433	1454,969	614,1817	637,7599	654,8222	10564195	10564195
1579,433	1454,969	614,1817	637,7599	654,8222	10564193	10564193
1579,433	1454,969	614,1817	637,7599	654,8222	10564179	10564179
1579,433	1454,969	614,1817	637,7599	654,8222	10564163	10564163
1579,433	1454,969	614,1817	637,7599	654,8222	10564173	10564173
1579,433	1454,969	614,1817	637,7599	654,8222	10564167	10564167
1579,433	1454,969	614,1817	637,7599	654,8222	10564201	10564201
1579,433	1454,969	614,1817	637,7599	654,8222	10564199	10564199
1579,433	1454,969	614,1817	637,7599	654,8222	10564189	10564189
1579,433	1454,969	614,1817	637,7599	654,8222	10564207	10564207
1579,433	1454,969	614,1817	637,7599	654,8222	10564185	10564185
1579,433	1454,969	614,1817	637,7599	654,8222	10564191	10564191

1579,433	1454,969	614,1817	637,7599	654,8222	10564171	10564171
1579,433	1454,969	614,1817	637,7599	654,8222	10564181	10564181
1579,433	1454,969	614,1817	637,7599	654,8222	10564197	10564197
1579,433	1454,969	614,1817	637,7599	654,8222	10564175	10564175
396,865	317,3491	143,0977	157,9754	144,9796	10559880	10559880
456,4558	415,8647	166,8265	181,3804	184,3838	10419111	10419111
276,0228	232,3275	102,0486	94,01634	108,4795	10550768	10550768
1073,944	1224,911	377,9853	425,0279	383,1823	10474687	10474687
4162,742	4679,738	1760,965	1692,631	1736,321	10408574	10408574
239,7737	220,5821	97,83786	104,6788	87,77224	10563931	10563931
391,871	363,0767	144,602	159,1411	161,4692	10419140	10419140
317,0229	320,0723	133,8449	128,2029	141,8547	10519652	10519652
301,2548	273,6765	122,3293	121,3971	123,2407	10505240	10505240
750,8732	673,9656	294,0568	270,25	307,768	10603247	10603247
2013,75	2226,613	809,5543	807,3482	792,7526	10569288	10569288
778,6462	1086,47	326,6944	341,8009	368,4699	10373610	10373610
290,1591	250,2487	107,3322	108,9909	104,1383	10560754	10560754
328,3383	545,728	136,9594	148,3728	163,5571	10364326	10364326
710,3022	654,4985	282,1083	263,1481	293,1935	10472042	10472042
1962,49	2326,15	828,0045	914,2554	818,4293	10353002	10353002
266,3942	227,7913	92,39203	102,857	99,8451	10385774	10385774
227,8121	293,6083	109,5886	113,4237	112,9567	10563899	10563899
569,1553	628,421	250,4908	251,9432	239,3921	10369221	10369221
464,9757	444,6308	196,6293	171,2725	170,5408	10504201	10504201
464,9757	444,6308	196,6293	171,2725	170,5408	10512352	10512352
464,9757	444,6308	196,6293	171,2725	170,5408	10504137	10504137
464,9757	444,6308	196,6293	171,2725	170,5408	10512350	10512350
547,3241	578,0016	192,6736	206,6098	200,7349	10598105	10598105
906,0059	812,7141	352,5421	340,9713	345,0177	10412495	10412495
247,1455	303,2135	102,2698	110,0122	111,9136	10375791	10375791
905,6359	1101,899	357,8307	391,7117	381,7604	10414805	10414805
268,7283	259,0627	103,704	101,6629	105,933	10531523	10531523
268,7283	259,0627	103,704	101,6629	105,933	10531512	10531512
1210,526	1323,675	492,5512	489,5474	490,6395	10559175	10559175
588,9944	608,0318	198,2609	221,4379	236,7297	10488430	10488430
892,4792	1062,438	385,6521	350,0416	392,5298	10390934	10390934
499,6451	437,767	192,4556	172,1372	203,0918	10403988	10403988
550,033	575,1876	234,8515	236,8933	230,6537	10369225	10369225
349,2567	342,6734	146,4022	145,224	131,0786	10408148	10408148
137,2075	140,2238	56,21086	53,93533	60,93405	10566678	10566678
125,1929	107,6345	49,47928	51,63356	54,95257	10419108	10419108
275,2218	238,0091	103,0703	106,2415	100,7351	10550786	10550786
542,1969	513,4262	219,7507	219,5701	215,7919	10503148	10503148
267,7269	229,6541	107,1057	93,25178	106,1943	10367493	10367493
1098,046	1009,878	429,6264	428,0539	416,5376	10488608	10488608
575,2979	609,0801	248,6646	252,9053	244,2323	10369223	10369223
277,7291	216,9578	98,21528	102,0997	97,49836	10442292	10442292

261,4224	198,21	105,1408	88,98046	88,76383	10495120	10495120
135,6848	107,2655	47,90903	47,75349	51,18471	10607222	10607222
101,9008	93,00031	40,22496	43,03133	44,61587	10545117	10545117
292,2871	326,8798	121,1556	124,4926	114,9875	10460782	10460782
159,1385	111,4835	54,3654	55,96817	57,40023	10557853	10557853
5623,124	5900,229	2304,946	2342,026	2322,605	10552351	10552351
273,4948	264,4411	118,1824	102,4102	106,6357	10404020	10404020
339,6097	383,0565	151,8209	135,1733	149,2497	10505856	10505856
354,6148	399,6551	158,8636	141,3538	155,717	10505864	10505864
354,6148	399,6551	158,8636	141,3538	155,717	10505870	10505870
354,6148	399,6551	158,8636	141,3538	155,717	10505866	10505866
354,6148	399,6551	158,8636	141,3538	155,717	10505872	10505872
354,6148	399,6551	158,8636	141,3538	155,717	10505862	10505862
354,6148	399,6551	158,8636	141,3538	155,717	10505868	10505868
1676,717	1496,415	626,8187	645,5342	623,4575	10403748	10403748
326,8227	286,4914	138,9023	129,6822	128,1056	10598528	10598528
308,3033	290,355	125,8954	112,3274	114,9481	10377429	10377429
308,3033	290,355	125,8954	112,3274	114,9481	10399428	10399428
332,0787	369,1142	149,5689	135,2209	147,4232	10505874	10505874
449,345	302,1758	170,4157	164,6524	174,2265	10599105	10599105
449,345	302,1758	170,4157	164,6524	174,2265	10599073	10599073
449,345	302,1758	170,4157	164,6524	174,2265	10604021	10604021
449,345	302,1758	170,4157	164,6524	174,2265	10603984	10603984
449,345	302,1758	170,4157	164,6524	174,2265	10603973	10603973
449,345	302,1758	170,4157	164,6524	174,2265	10599060	10599060
449,345	302,1758	170,4157	164,6524	174,2265	10604017	10604017
449,345	302,1758	170,4157	164,6524	174,2265	10599094	10599094
449,345	302,1758	170,4157	164,6524	174,2265	10603962	10603962
449,345	302,1758	170,4157	164,6524	174,2265	10599062	10599062
449,345	302,1758	170,4157	164,6524	174,2265	10604006	10604006
449,345	302,1758	170,4157	164,6524	174,2265	10599058	10599058
449,345	302,1758	170,4157	164,6524	174,2265	10603995	10603995
265,4176	236,6793	102,9004	102,1649	105,346	10536126	10536126
260,1872	237,4593	95,85909	107,0656	103,8954	10388286	10388286
273,6977	288,4868	113,4568	113,9189	116,4305	10558657	10558657
203,8518	190,8782	71,50812	75,83049	86,29516	10408134	10408134
346,8409	302,2907	142,3119	147,1549	138,6107	10513420	10513420
170,8353	160,7091	73,27325	91,46278	73,91397	10564037	10564037
150,2345	80,14217	38,93167	51,12896	43,07116	10401831	10401831
368,8145	346,8547	156,2277	136,6271	156,7713	10505556	10505556
324,3513	409,6363	137,8796	135,7494	116,0062	10430899	10430899
5421,89	5731,729	2271,638	2276,094	2290,977	10411609	10411609
825,7328	721,7215	329,6443	345,9868	346,1096	10519805	10519805
370,5179	353,8073	156,8703	141,7194	159,6445	10505537	10505537
370,5179	353,8073	156,8703	141,7194	159,6445	10505550	10505550
1423,303	1289,845	589,6887	617,2355	631,2901	10564177	10564177
1355,498	1195,746	561,5959	581,7177	597,1654	10564165	10564165

935,853	871,8515	381,7256	389,1118	409,9568	10528177	10528177
220,5498	212,6761	79,68362	81,45398	82,22154	10598085	10598085
173,5024	192,6857	80,6919	100,879	83,59361	10563897	10563897
398,3616	443,9696	178,85	159,9694	175,9113	10505848	10505848
398,3616	443,9696	178,85	159,9694	175,9113	10505852	10505852
362,2352	444,5517	160,7118	161,057	169,9947	10356673	10356673
444,8971	446,5418	175,6616	181,5536	190,8484	10421932	10421932
272,8497	323,01	106,973	123,09	105,7749	10570618	10570618
625,6298	524,0566	234,8444	241,6522	248,6875	10403193	10403193
851,5671	929,9004	373,834	367,8396	363,7596	10400004	10400004
437,3964	489,8704	195,8977	176,5874	190,3513	10505845	10505845
1466,478	1617,248	598,5186	651,8315	670,1539	10367475	10367475
320,8037	318,569	135,3135	142,3769	141,4634	10559916	10559916
372,4884	295,9214	150,1099	155,2434	143,868	10549929	10549929
348,009	393,147	142,0087	153,3046	163,8534	10347931	10347931
302,3529	283,8262	121,2483	126,3356	126,3507	10366546	10366546
246,5265	235,0458	101,0432	96,13249	100,8559	10378434	10378434
341,6581	368,0731	157,0546	143,4953	158,5429	10493999	10493999
237,3027	214,5009	93,53806	93,1222	98,1293	10535994	10535994
401,6754	314,3835	148,633	154,0922	148,3607	10366180	10366180
179,7039	160,1184	74,4033	67,70483	76,32782	10353729	10353729
339,6782	367,9101	153,7906	140,0005	151,4756	10505843	10505843
397,2274	379,0547	144,6813	157,4318	151,9415	10504199	10504199
836,4733	957,3917	363,5712	372,8383	379,934	10422059	10422059
190,2617	225,3295	95,5461	82,52085	78,20283	10500443	10500443
381,9482	423,8773	170,9819	153,7804	169,8786	10505876	10505876
461,4541	465,8707	204,2849	216,6919	202,8505	10453602	10453602
320,8534	243,8018	115,6408	130,9967	117,1561	10474169	10474169
1292,147	1425,214	588,6243	560,9562	553,0347	10440717	10440717
179,0592	178,4855	80,22326	69,99891	79,73438	10353731	10353731
506,0798	452,8688	212,1182	222,9718	205,3489	10410235	10410235
194,3949	168,2618	73,96991	72,42868	73,42363	10567466	10567466
198,9599	197,6406	90,58227	79,05659	88,64316	10606069	10606069
159,9599	143,1642	59,84529	59,67381	63,57602	10537785	10537785
275,2537	319,8777	127,1029	128,78	125,2865	10534056	10534056
472,9112	486,3409	211,4519	210,9192	200,5878	10451677	10451677
472,9112	486,3409	211,4519	210,9192	200,5878	10523756	10523756
472,9112	486,3409	211,4519	210,9192	200,5878	10537504	10537504
157,4324	164,1636	76,77041	62,61561	61,33184	10560089	10560089
231,8518	212,4034	92,55916	93,65821	96,96565	10552341	10552341
263,7327	217,2859	90,6861	103,6978	105,696	10385768	10385768
113,7054	92,37823	43,1184	43,0742	44,97236	10539954	10539954
173,4476	148,8709	69,29012	70,93462	69,2349	10587075	10587075
333,5486	331,5028	147,7155	143,6348	138,4973	10600750	10600750
1760,209	1450,909	559,4269	712,1136	701,5355	10474102	10474102
631,0823	686,7278	308,8473	295,2209	286,8965	10405755	10405755
355,3352	315,2374	161,783	160,8477	146,1617	10563808	10563808

355,3352	315,2374	161,783	160,8477	146,1617	10563804	10563804
287,9114	284,089	118,7853	128,6568	130,1638	10519671	10519671
355,3352	315,2374	161,783	160,8477	146,1617	10563806	10563806
355,3352	315,2374	161,783	160,8477	146,1617	10563812	10563812
355,3352	315,2374	161,783	160,8477	146,1617	10563810	10563810
355,3352	315,2374	161,783	160,8477	146,1617	10563802	10563802
288,0957	256,9275	126,1746	130,5128	117,4782	10513455	10513455
1257,896	1086,403	537,2197	557,6266	565,3033	10564169	10564169
117,9551	146,0047	54,64937	51,37168	59,31181	10466344	10466344
844,16	712,5251	331,4612	334,7727	356,9457	10417371	10417371
280,1351	240,506	102,1494	120,8083	107,7558	10592531	10592531
256,458	174,142	85,35435	92,52955	101,4368	10375574	10375574
101,4902	85,72059	37,03185	40,82346	45,33824	10482133	10482133
426,8192	414,1213	173,0091	178,444	162,2147	10512372	10512372
270,961	411,215	126,968	126,2698	138,5635	10398396	10398396
281,8354	255,7585	122,9661	130,1707	118,2166	10513472	10513472
475,8209	382,2528	185,0126	177,069	183,1665	10362102	10362102
260,9699	230,9117	101,7993	101,1423	115,8184	10484762	10484762
398,8778	350,6526	171,553	174,9002	163,6468	10424075	10424075
163,768	160,9257	73,23488	70,76051	78,15189	10562641	10562641
223,5347	198,2477	88,42728	94,26641	87,05874	10560767	10560767
223,5347	198,2477	88,42728	94,26641	87,05874	10550778	10550778
361,9253	330,1212	151,2209	144,8361	154,9749	10505543	10505543
133,3221	116,5994	46,60791	52,21498	45,32785	10566249	10566249
115,9233	97,22871	42,82261	42,73622	49,98526	10556139	10556139
564,9163	443,6273	224,5468	231,2793	233,8522	10399725	10399725
451,8817	439,6215	184,1545	189,6191	171,7399	10504188	10504188
423,0904	508,6458	214,8372	216,7657	209,6788	10599088	10599088
158,7794	153,2537	66,31923	64,1577	71,22449	10540287	10540287
178,0905	125,2473	64,2922	65,82267	69,06561	10373684	10373684
258,2816	232,2659	105,4746	106,7306	95,70261	10348641	10348641
241,7929	301,3032	101,8829	108,2402	127,1874	10562291	10562291
162,6407	108,4823	56,16093	57,21928	59,39282	10558666	10558666
193,5788	187,4902	86,78679	81,19371	83,89436	10514289	10514289
241,6731	151,835	84,87025	71,61934	80,61729	10403899	10403899
726,9462	691,0516	328,8505	325,132	323,9429	10528191	10528191
141,4335	104,9544	53,89149	53,33293	58,02476	10550822	10550822
159,9095	161,1287	68,33051	65,02098	72,00168	10498500	10498500
394,5281	396,6431	164,6932	170,0774	155,9691	10504132	10504132
817,1465	884,6157	323,804	358,8732	335,6968	10386546	10386546
290,6951	242,243	124,3512	119,6563	123,4045	10427622	10427622
410,1441	671,6866	200,7497	208,6726	197,7228	10569356	10569356
126,0033	125,37	56,25292	57,88438	54,35804	10566707	10566707
165,2545	174,9948	80,37164	73,62041	79,28805	10439016	10439016
3291,447	3662,591	1595,75	1665,482	1523,257	10410475	10410475
249,5363	230,5316	117,0611	122,4548	105,2161	10513504	10513504
171,5666	171,7436	62,95607	73,1011	78,80078	10378432	10378432

283,4399	248,817	124,0485	131,9671	118,5455	10513437	10513437
287,8642	349,2576	126,5744	141,5367	164,2079	10415017	10415017
809,6378	859,7328	317,1616	354,1707	334,121	10386537	10386537
260,2353	242,5391	107,2901	102,5809	111,2881	10403034	10403034
148,2269	151,166	64,4053	55,75808	60,55371	10373622	10373622
523,4341	584,1608	256,9547	253,3861	229,9739	10356262	10356262
211,7	197,4365	88,42974	90,79512	92,66022	10560397	10560397
1492,144	1788,481	725,0434	745,8303	755,8906	10598216	10598216
178,4191	153,1432	78,37073	89,66444	96,27284	10564015	10564015
157,6094	168,2138	76,25414	86,72115	76,57262	10563929	10563929
157,6094	168,2138	76,25414	86,72115	76,57262	10563915	10563915
285,5358	246,6097	113,2194	118,1393	126,401	10404022	10404022
204,2799	207,9826	87,65062	86,65376	87,95598	10351903	10351903
766,3029	990,6381	344,2978	369,6341	380,5435	10584252	10584252
199,976	215,9646	99,87177	90,06842	93,1557	10417275	10417275
222,1949	219,0499	99,98743	86,6357	88,12347	10471774	10471774
257,7207	256,5557	118,1976	118,1112	108,3007	10600746	10600746
800,7057	864,2177	321,3983	354,1236	335,2391	10386531	10386531
316,1941	257,8083	118,3496	131,4293	124,5112	10403060	10403060
368,7236	400,2703	167,7878	157,0576	165,8392	10505858	10505858
299,1416	245,797	115,3663	127,8469	120,2408	10545184	10545184
322,4683	344,6842	148,8667	140,8642	165,9989	10505562	10505562
429,1747	415,0627	177,4635	188,7997	168,0629	10512322	10512322
429,1747	415,0627	177,4635	188,7997	168,0629	10504159	10504159
1122,242	1147,795	522,7661	494,1231	524,1172	10504125	10504125
1122,242	1147,795	522,7661	494,1231	524,1172	10504123	10504123
4548,54	4987,861	1998,381	2208,397	1937,431	10579765	10579765
954,9027	856,2725	400,6488	375,248	376,3147	10384539	10384539
602,9379	636,9868	267,5425	270,1919	262,222	10538868	10538868
137,3235	151,8553	61,61363	63,81307	60,42914	10375563	10375563
149,4098	111,5941	61,29072	58,50638	59,25696	10474497	10474497
244,2745	217,1246	112,0178	117,8139	104,2722	10513428	10513428
723,2234	920,1614	331,5595	364,5311	333,8071	10538352	10538352
295,8033	247,2999	133,2672	125,8254	104,4965	10598251	10598251
233,3422	218,2524	93,15271	94,42542	97,03526	10441398	10441398
172,4633	134,7458	69,60664	61,27758	68,32548	10555901	10555901
208,3512	166,7533	88,96276	81,14796	84,80733	10599281	10599281
169,6693	167,9594	71,37499	85,89708	82,86822	10367059	10367059
176,6388	173,5904	75,43921	83,67809	68,89986	10512892	10512892
299,5467	258,4782	135,7701	137,4538	129,2056	10598212	10598212
418,047	418,7263	191,7665	197,9338	194,8302	10598192	10598192
405,5724	434,228	192,5074	182,3702	177,2772	10414960	10414960
109,9009	109,7269	51,39209	45,4014	51,43443	10406823	10406823
226,8218	195,3623	93,86156	92,91164	95,68999	10536151	10536151
160,8061	139,0585	73,25269	69,4641	64,06887	10405743	10405743
123,1424	110,666	52,86302	54,00689	47,79489	10390498	10390498
290,4037	286,345	129,7572	134,6338	131,4884	10375127	10375127

214,3899	171,5863	74,97676	93,05254	86,12624	10599263	10599263
1334,899	1338,869	613,4919	576,0345	615,5527	10504148	10504148
218,6094	252,7198	106,3153	94,23545	98,75132	10402994	10402994
211,2985	152,4557	86,97655	93,97834	77,32568	10584399	10584399
789,1366	835,2108	319,4699	356,7872	336,8124	10386539	10386539
2007,405	1896,719	847,8689	883,0032	852,7602	10412038	10412038
247,7381	225,1799	102,7002	109,32	107,4273	10537558	10537558
256,925	288,2058	140,3028	124,0319	109,566	10374767	10374767
230,4087	221,1535	97,65607	97,59554	111,1908	10365428	10365428
170,8221	170,2969	73,62241	73,01884	72,95034	10566199	10566199
376,7164	380,7511	179,7237	176,437	164,638	10581266	10581266
164,3009	142,1463	70,22608	62,96739	65,71943	10364415	10364415
97,32012	121,7071	61,40441	46,14541	54,80277	10579913	10579913
543,6928	456,0029	213,9019	226,6301	235,0614	10463732	10463732
339,9785	334,1364	140,3921	139,4738	169,5413	10370330	10370330
221,3812	233,4701	97,01233	95,93123	119,1155	10512630	10512630
1261,343	1275,334	589,9	554,621	591,404	10504178	10504178
257,5916	222,2109	103,8485	111,9509	116,2535	10493900	10493900
987,8817	883,3605	389,6377	407,7888	409,8508	10351515	10351515
307,2988	316,5019	165,2031	146,3773	132,0362	10344614	10344614
1059,847	1113,864	512,7451	482,2748	512,1016	10504121	10504121
3244,133	3431,492	1572,571	1571,867	1514,697	10394938	10394938
3244,133	3431,492	1572,571	1571,867	1514,697	10399657	10399657
136,348	121,0333	63,15508	64,23037	63,04379	10405747	10405747
389,3123	371,7827	164,2546	173,997	180,3193	10421924	10421924
787,0215	832,4763	331,243	350,8035	347,0563	10386533	10386533
787,0215	832,4763	331,243	350,8035	347,0563	10386535	10386535
787,0215	832,4763	331,243	350,8035	347,0563	10386541	10386541
787,0215	832,4763	331,243	350,8035	347,0563	10386529	10386529
132,0242	137,0009	58,57996	62,16605	58,75846	10375565	10375565
139,153	116,7828	59,62751	58,37285	63,25437	10545187	10545187
198,128	241,2137	94,43694	142,071	92,53885	10594798	10594798
200,7	178,3157	86,24033	90,94207	85,20989	10604124	10604124
104,1615	133,3164	62,96391	72,00225	61,34305	10563963	10563963
104,1615	133,3164	62,96391	72,00225	61,34305	10563985	10563985
104,1615	133,3164	62,96391	72,00225	61,34305	10563969	10563969
104,1615	133,3164	62,96391	72,00225	61,34305	10563979	10563979
104,1615	133,3164	62,96391	72,00225	61,34305	10563977	10563977
104,1615	133,3164	62,96391	72,00225	61,34305	10563983	10563983
342,1214	445,4456	150,0337	179,6496	164,4675	10484735	10484735
148,8336	118,3715	61,58201	61,38144	60,29802	10547674	10547674
148,8336	118,3715	61,58201	61,38144	60,29802	10547682	10547682
148,8336	118,3715	61,58201	61,38144	60,29802	10547684	10547684
254,791	198,679	100,5114	106,3347	103,8059	10604119	10604119
215,546	183,086	85,93916	87,15516	91,27869	10403063	10403063
317,1419	295,6414	132,2313	132,2109	136,8672	10536111	10536111
116,8923	91,619	49,70632	48,02526	51,00153	10535683	10535683

254,6313	266,0011	107,9588	123,2364	120,9146	10517114	10517114
129,5785	100,0328	55,35698	58,66221	44,81536	10438423	10438423
182,5123	188,1682	102,162	91,88616	90,9648	10513467	10513467
221,1373	294,8065	128,5987	114,4163	140,1686	10518331	10518331
135,3986	127,1829	53,71822	57,8571	58,43916	10566283	10566283
268,0056	232,1368	130,0175	123,3531	109,5955	10603245	10603245
468,1948	472,3239	204,6397	204,7101	207,808	10511309	10511309
459,815	498,5306	218,8179	228,4607	224,2505	10577421	10577421
258,1007	256,1398	101,4497	110,9204	116,9158	10552208	10552208
198,8452	170,9766	89,45516	91,81121	86,77735	10545175	10545175
399,5343	448,3546	191,897	193,4525	188,2839	10414775	10414775
399,5343	448,3546	191,897	193,4525	188,2839	10414882	10414882
222,2866	158,0859	95,7102	81,65677	85,46617	10566682	10566682
278,4759	260,4833	141,8569	134,9598	134,9027	10598227	10598227
109,0057	91,42963	53,68764	42,03028	48,37704	10494003	10494003
452,8254	447,1175	194,6021	204,4041	197,4633	10392825	10392825
219,9583	187,3857	95,65267	91,80259	94,7721	10523346	10523346
219,9583	187,3857	95,65267	91,80259	94,7721	10536033	10536033
219,9583	187,3857	95,65267	91,80259	94,7721	10536044	10536044
219,9583	187,3857	95,65267	91,80259	94,7721	10523316	10523316
1250,602	1361,615	558,6667	641,4421	629,9599	10417269	10417269
131,6479	109,815	52,72824	53,89202	48,84419	10381113	10381113
271,3448	305,1041	154,6555	141,5756	136,1003	10353307	10353307
291,1767	230,2671	133,6204	127,2206	125,0138	10608085	10608085
191,2525	169,1873	75,58807	71,77351	73,76305	10416353	10416353
404,5862	318,0903	165,8205	205,4799	179,1954	10423570	10423570
212,4352	195,4433	84,89381	102,5863	85,90665	10592449	10592449
153,6446	124,0289	58,55896	59,63761	62,2342	10484861	10484861
149,4771	154,3325	75,33852	69,89677	78,6424	10602367	10602367
171,9623	139,5926	69,84285	65,4856	70,59256	10405749	10405749
403,7195	406,3245	179,4172	196,8718	187,0022	10550625	10550625
136,3269	107,9088	57,49128	55,01896	61,64822	10442112	10442112
396,309	433,9569	186,4872	186,9729	175,3282	10438338	10438338
191,6287	196,4056	86,33489	83,13396	92,87959	10558659	10558659
185,4857	167,4254	83,0477	76,83018	79,95728	10522585	10522585
196,4236	231,4776	94,86502	91,16026	96,67621	10568951	10568951
160,2191	148,2887	70,93398	67,06145	63,9694	10584504	10584504
388,8164	459,4871	174,6906	179,7546	193,117	10390939	10390939
177,1775	163,5625	71,11223	77,54241	75,86256	10484875	10484875
177,1775	163,5625	71,11223	77,54241	75,86256	10473643	10473643
1423,431	1458,32	719,3619	673,9424	696,0728	10580382	10580382
233,7378	232,6052	112,9631	86,5943	113,958	10376408	10376408
189,1452	172,4137	85,1127	88,37621	89,65679	10419154	10419154
277,8325	260,4737	143,3813	134,8842	137,2645	10599084	10599084
307,6655	347,509	152,8961	135,4672	153,5007	10505841	10505841
104,0654	112,4174	48,40621	55,22303	45,98636	10471567	10471567
345,0225	292,571	137,2012	139,6177	137,809	10516221	10516221

823,8203	717,0308	395,5188	385,0122	388,4203	10417452	10417452
823,8203	717,0308	395,5188	385,0122	388,4203	10417446	10417446
619,8601	693,947	273,2062	279,2758	303,8937	10390945	10390945
382,4717	415,4467	176,6451	194,8698	178,5512	10575596	10575596
251,4546	216,5383	118,4034	108,4474	113,1389	10408144	10408144
192,7794	189,2182	95,74668	100,6315	90,82084	10417403	10417403
168,6388	145,1812	66,94718	66,29151	69,79173	10438064	10438064
166,7326	111,2572	64,61832	63,93902	57,36638	10566684	10566684
171,34	195,4012	96,12576	81,06162	89,57155	10414929	10414929
4296,519	4552,719	2143,927	2120,196	2042,549	10434283	10434283
396,8243	413,6871	176,4267	185,4958	177,8481	10392834	10392834
213,3595	215,1085	96,96873	98,50908	95,23765	10420724	10420724
266,6022	310,257	126,0781	115,0568	135,7354	10505879	10505879
368,7387	431,4658	179,8556	181,9089	187,653	10364319	10364319
773,0319	881,8203	345,9989	380,0591	366,9473	10386527	10386527
162,2908	137,7628	72,63699	69,66344	72,75804	10563722	10563722
994,8781	1190,611	468,4396	540,8448	502,6394	10415873	10415873
124,695	124,059	51,508	66,64208	60,51916	10545202	10545202
194,6484	170,2315	86,22363	85,94669	88,13721	10552587	10552587
185,0447	203,0637	95,10978	92,95863	96,28092	10555720	10555720
191,77	173,3961	91,99553	79,22908	87,92331	10538929	10538929
284,8521	282,1685	144,1892	134,0084	116,0193	10567735	10567735
235,2162	246,0302	112,4707	112,0074	118,3149	10375576	10375576
844,0378	1204,314	442,9788	456,9081	452,8961	10398404	10398404
250,6339	202,5765	99,24072	120,0762	107,8511	10507163	10507163
292,6875	256,7806	108,0537	119,9244	119,5144	10562754	10562754
103,6513	105,7037	49,55368	50,10208	49,21552	10539973	10539973
639,7529	766,8745	315,0224	314,3478	322,111	10390913	10390913
300,4289	383,3265	163,649	151,4543	164,561	10419034	10419034
221,1594	258,6963	97,92844	99,56005	114,7573	10460146	10460146
357,4309	425,1086	187,1492	170,2647	190,8425	10414876	10414876
357,4309	425,1086	187,1492	170,2647	190,8425	10414769	10414769
119,5728	92,11974	44,17075	54,64839	51,00762	10419440	10419440
186,2082	195,9746	86,00751	89,81375	92,0835	10444674	10444674
246,3716	206,845	119,5363	120,8138	121,7749	10519661	10519661
129,9456	119,3322	59,05822	57,71586	59,82421	10484726	10484726
423,063	404,6466	193,9448	189,9184	198,3328	10604832	10604832
110,8635	117,9157	52,41103	45,51852	51,35345	10473450	10473450
216,2673	210,7071	105,6055	89,746	100,9305	10440727	10440727
132,6788	128,2584	56,93585	52,1362	60,97616	10452427	10452427
114,7521	108,2913	55,77892	52,28466	53,76115	10538840	10538840
153,3393	124,3594	72,62679	60,75517	55,48687	10566626	10566626
155,6189	128,9465	64,45454	62,35972	68,35231	10482131	10482131
351,7076	334,6475	169,685	153,164	166,9685	10447902	10447902
373,1561	358,1582	161,8811	160,1596	176,1089	10426592	10426592
219,9601	219,3691	109,4715	112,2599	115,9656	10519644	10519644
1020,116	932,6836	468,0852	440,2918	469,8178	10383632	10383632

122,9316	83,27509	49,52071	48,58696	54,30018	10535669	10535669
150,0373	147,2909	75,30409	69,89681	79,38976	10602327	10602327
2144,803	2213,834	1078,322	1044,488	1002,494	10450367	10450367
159,8549	187,5217	70,77223	83,02289	75,84212	10604447	10604447
916,3616	1187,663	550,4477	601,6591	523,3539	10418169	10418169
132,6991	138,8001	69,55509	65,12303	60,09087	10555781	10555781
109,8941	117,3622	54,61751	54,21634	50,95447	10519879	10519879
588,785	571,9893	279,1318	283,6975	250,645	10457475	10457475
235,4236	251,9187	110,9391	108,0152	119,2698	10570711	10570711
166,6174	164,04	83,79499	78,53551	96,10746	10461798	10461798
198,5012	165,8431	96,98944	99,84025	98,95007	10519677	10519677
240,5349	237,9559	111,3739	114,0884	120,9615	10576049	10576049
270,6551	283,2373	134,7948	139,5417	130,3392	10604032	10604032
414,0417	368,924	178,4557	208,2827	189,3533	10412491	10412491
434,6422	425,5604	218,1059	187,9709	211,4673	10352777	10352777
760,1483	682,8484	389,9412	373,9702	368,3701	10417264	10417264
190,1656	224,0891	86,13435	86,46877	99,90808	10373640	10373640
821,2539	861,2208	409,2601	390,9977	412,6683	10504139	10504139
194,659	229,5323	95,91205	94,47733	109,5838	10399232	10399232
962,0394	1236,684	467,1962	483,4484	500,6809	10484733	10484733
771,0008	748,8785	339,3339	349,7067	353,5146	10546659	10546659
492,0484	558,7232	232,0967	270,6181	250,0404	10390907	10390907
165,1268	169,9899	75,52419	84,79869	86,8997	10432150	10432150
669,6455	591,6871	289,6086	297,1797	315,3093	10499703	10499703
166,6967	132,4575	64,17365	57,62096	74,53666	10566300	10566300
301,8708	262,6585	137,3145	129,4788	146,8745	10393685	10393685
156,1169	196,3782	78,06603	73,63626	72,54581	10436750	10436750
143,9397	135,4122	64,50339	68,7067	65,55603	10552262	10552262
115,7273	95,47412	50,86307	53,93791	49,45626	10364441	10364441
219,0004	243,034	103,7074	104,9562	107,8362	10566422	10566422
208,3819	200,8006	92,52355	92,01396	101,3122	10559743	10559743
176,0808	100,1023	57,42786	66,88013	71,82024	10461055	10461055
145,5895	143,8521	74,65105	75,88224	71,06897	10469941	10469941
215,7177	172,8174	82,31334	88,10588	110,1303	10605459	10605459
137,3901	159,211	71,52667	73,3739	68,15632	10471763	10471763
164,2661	190,8467	94,39702	82,38927	91,53052	10412483	10412483
206,4712	176,2669	87,67117	95,59085	93,47118	10599269	10599269
265,2682	191,9272	107,543	105,2621	98,26791	10599274	10599274
616,1108	738,4989	311,2829	302,9302	318,8167	10390911	10390911
162,5633	148,6062	83,87817	75,22078	75,35548	10415832	10415832
441,7842	336,6286	183,2953	195,7169	195,2544	10559837	10559837
106,4299	110,9706	53,57972	56,28729	51,62224	10566589	10566589
617,2514	515,9551	270,729	255,2956	268,9759	10474181	10474181
152,49	162,477	71,86191	75,39845	79,50255	10555844	10555844
379,262	448,8967	190,8179	198,1922	196,1463	10414751	10414751
259,9355	352,5482	128,2307	128,5064	153,368	10555718	10555718
239,3622	255,6607	108,2071	108,5881	115,6138	10557624	10557624

476,2759	437,2666	223,9704	227,3447	229,1769	10361091	10361091
375,6367	357,3033	190,7173	165,1828	184,2029	10447647	10447647
479,0935	690,8073	259,4929	276,2723	267,3959	10581212	10581212
275,0234	244,3363	121,746	125,7034	128,7216	10364435	10364435
156,5447	123,7395	63,49887	68,70951	69,2392	10351893	10351893
109,0804	105,4295	54,63183	49,04594	54,12569	10403021	10403021
834,5524	823,3853	406,6446	426,9927	412,9461	10381697	10381697
541,1775	657,3846	283,6172	337,6555	310,8692	10428002	10428002
286,3126	296,0885	144,4849	135,0538	138,8907	10505892	10505892
108,5195	126,7651	59,31257	58,54578	54,9874	10471778	10471778
129,6659	150,0202	63,82975	65,80215	69,43067	10484547	10484547
114,0756	99,76616	62,88081	62,99984	58,48366	10505249	10505249
437,9096	470,6692	203,4873	211,6571	201,9865	10571248	10571248
130,6218	107,9206	52,11176	64,30801	59,89647	10555873	10555873
615,6768	734,3834	317,7055	305,073	319,4897	10390915	10390915
615,6768	734,3834	317,7055	305,073	319,4897	10390917	10390917
270,0591	281,7644	135,2233	129,4069	139,368	10393239	10393239
162,1966	183,3373	82,39619	85,20598	87,66366	10560389	10560389
119,4006	118,2342	59,13026	54,59423	56,65452	10489429	10489429
763,9369	891,1617	398,0844	432,1585	403,6416	10520942	10520942
390,5748	416,7841	181,8252	197,8957	183,8802	10414911	10414911
187,9525	199,0213	97,00508	87,99142	90,53788	10556111	10556111
208,0757	174,8111	99,0717	89,96292	93,80357	10536118	10536118
126,2902	103,8993	56,13802	56,44106	53,46215	10566229	10566229
195,808	175,3856	78,14709	92,98248	80,74689	10534988	10534988
156,4324	152,2123	73,2273	92,24142	75,30305	10484712	10484712
113,5111	119,2895	69,38692	48,1082	55,84946	10438427	10438427
202,1631	247,0423	114,2252	108,3489	102,429	10589192	10589192
824,1013	863,8236	417,1568	399,4311	422,7566	10504172	10504172
125,0757	100,1104	52,48162	52,88219	51,85892	10531061	10531061
674,5204	969,4825	404,2595	424,3449	364,9181	10355528	10355528
160,4799	143,5447	78,51411	78,57542	78,96827	10419156	10419156
170,9853	166,7536	77,72374	82,53119	84,83937	10599291	10599291
115,7273	109,2659	55,0617	59,61419	51,33437	10388304	10388304
492,7502	613,3573	251,7168	274,2513	263,6865	10499937	10499937
219,1717	205,3429	100,2821	106,7108	102,1411	10414784	10414784
219,1717	205,3429	100,2821	106,7108	102,1411	10414894	10414894
142,3716	129,6291	65,36475	57,94289	67,59153	10375553	10375553
290,2872	287,6913	120,8683	137,899	136,3862	10389505	10389505
2797,086	2350,76	1197,04	1494,424	1321,971	10582884	10582884
778,0601	858,1124	391,5709	411,215	410,7564	10440708	10440708
115,3203	124,9514	59,49613	72,89558	62,28826	10566205	10566205
394,8143	397,2537	186,2532	198,497	197,9703	10570726	10570726
199,5553	201,8948	109,6757	109,1824	101,8011	10417310	10417310
224,9232	275,0567	120,6599	114,0113	117,5789	10434226	10434226
149,376	130,1604	84,98211	84,31868	63,87226	10473610	10473610
275,4648	329,3269	143,6883	142,7443	141,1197	10414814	10414814

178,7881	159,6998	80,75268	86,02419	80,64743	10537642	10537642
183,5758	180,8717	83,77242	87,42706	84,11023	10485312	10485312
205,499	172,4686	85,59607	88,60821	92,24468	10545196	10545196
168,4918	184,3981	90,77045	94,17697	99,05402	10424555	10424555
194,7695	190,1653	107,0612	116,5706	106,3528	10414234	10414234
195,5381	139,8694	76,4169	93,6095	83,97748	10510112	10510112
118,3197	94,89378	51,05662	56,26674	50,6886	10419429	10419429
1034,287	1044,357	520,7353	488,4619	522,1669	10504169	10504169
135,476	178,286	67,47089	70,50468	79,29806	10450864	10450864
163,4088	148,088	77,12926	79,83055	78,74777	10552331	10552331
163,4088	148,088	77,12926	79,83055	78,74777	10536079	10536079
372,5072	333,8485	210,4478	183,7401	182,1656	10394860	10394860
115,6789	109,4907	51,69004	58,94241	47,40273	10466276	10466276
959,7311	991,4091	488,686	458,1096	489,0179	10512327	10512327
117,5983	126,8388	58,3018	54,96365	63,57022	10556123	10556123
264,8676	300,1272	138,067	139,34	131,2903	10553895	10553895
157,1107	138,0618	64,45358	68,673	66,33401	10537499	10537499
1247,179	1363,153	584,5664	631,662	642,0696	10414154	10414154
390,9708	497,3818	254,6866	240,9666	234,7973	10417492	10417492
149,7404	167,6608	74,95984	76,77956	78,4799	10526783	10526783
130,6418	137,6632	54,32928	61,62672	70,83687	10566192	10566192
282,5011	295,9404	159,5653	156,7945	154,2637	10417485	10417485
154,1321	170,504	82,03223	81,44658	84,84018	10563712	10563712
113,3454	128,3628	59,94374	65,30679	59,06236	10450914	10450914
213,0727	257,8229	123,8755	106,8192	127,1945	10468970	10468970
146,0322	134,6744	66,24472	68,88191	69,1694	10501096	10501096
608,2996	532,8057	306,7285	307,9912	300,1083	10417461	10417461
650,1133	557,9407	336,5631	321,6059	317,3877	10417326	10417326
259,6302	271,0542	137,8728	127,039	138,4144	10403054	10403054
169,7616	145,0438	82,03191	76,60158	78,99574	10450906	10450906
304,2149	371,1494	140,7536	158,8301	158,8936	10378401	10378401
250,2615	379,7615	141,6831	141,2245	145,6036	10552843	10552843
409,1367	539,6564	248,9722	280,4735	210,8071	10532628	10532628
249,2072	280,5514	127,1514	132,9057	136,9718	10579772	10579772
187,1852	170,1842	94,59069	90,27245	98,4608	10602341	10602341
187,1852	170,1842	94,59069	90,27245	98,4608	10602332	10602332
188,6091	185,1543	85,97664	85,50299	98,09323	10490244	10490244
188,6091	185,1543	85,97664	85,50299	98,09323	10490271	10490271
291,9513	257,1647	135,2052	143,6185	120,8515	10414612	10414612
102,9771	114,0542	52,45528	48,75293	52,18039	10552574	10552574
117,6207	127,8365	59,17081	58,19539	54,84028	10493834	10493834
160,7913	230,0898	95,20246	92,67784	96,05344	10591535	10591535
103,8049	96,78277	49,44716	50,19395	52,40367	10415425	10415425
322,6826	348,7213	176,1673	179,1198	181,5982	10414245	10414245
688,1365	621,6718	313,2766	326,7603	337,1693	10512937	10512937
688,1365	621,6718	313,2766	326,7603	337,1693	10494413	10494413
688,1365	621,6718	313,2766	326,7603	337,1693	10494421	10494421

688,1365	621,6718	313,2766	326,7603	337,1693	10500358	10500358
688,1365	621,6718	313,2766	326,7603	337,1693	10500343	10500343
137,5057	167,6885	74,60123	77,47094	73,60482	10524394	10524394
137,5057	167,6885	74,60123	77,47094	73,60482	10532903	10532903
142,8643	129,8483	75,10635	80,59619	71,8783	10513497	10513497
249,3609	261,8167	121,787	113,5546	123,0526	10364315	10364315
439,1306	463,6688	199,5943	230,5703	233,4575	10376412	10376412
256,9156	257,8258	117,0508	131,5405	120,5005	10364317	10364317
600,6874	489,8076	306,989	304,816	290,6446	10412537	10412537
216,3436	220,6589	116,1016	114,4899	107,6837	10598763	10598763
692,6862	612,6368	362,0126	351,1661	346,1861	10417421	10417421
294,9445	312,9583	155,5999	160,7043	150,4882	10605431	10605431
150,0295	127,9136	68,45057	67,27391	74,63457	10537817	10537817
127,8169	119,8753	67,63945	57,30325	67,36195	10507574	10507574
130,1385	93,214	60,37051	56,56461	50,87417	10473551	10473551
184,3166	246,7902	119,6606	105,3667	96,99867	10375543	10375543
145,817	166,0225	59,94033	63,6773	76,50821	10560028	10560028
1463,807	1460,503	3010,728	3000,193	2912,065	10402268	10402268
485,9071	450,1302	952,97	959,7908	957,1405	10355984	10355984
248,8976	231,1533	515,1215	483,662	496,9687	10487392	10487392
674,3676	535,7104	1148,631	1122,368	1188,225	10437639	10437639
355,6129	314,7021	716,2042	689,0291	694,4302	10500666	10500666
231,3653	231,1001	478,2094	492,6932	478,6066	10408656	10408656
463,0253	375,1143	886,0911	814,6014	900,1455	10544150	10544150
386,0405	355,7858	695,49	785,0102	840,3389	10605315	10605315
474,2201	390,3781	864,7629	830,2505	823,7092	10400254	10400254
78,44581	60,6422	145,4423	147,7612	158,3375	10410362	10410362
381,1187	264,3656	683,9873	722,3033	672,8865	10385511	10385511
76,13507	60,21662	153,5219	122,6266	151,9937	10489503	10489503
389,6439	228,8437	548,4537	583,3998	598,5787	10545528	10545528
109,0341	108,5563	204,3776	227,6915	202,9512	10461057	10461057
600,4722	509,3261	1087,885	1087,112	1121,21	10410039	10410039
563,3192	485,5237	1124,89	1011,174	1080,833	10412260	10412260
298,3988	298,7815	590,2885	619,0472	587,7246	10529206	10529206
528,322	438,8599	989,6877	996,1896	1044,834	10497105	10497105
75,6722	88,48479	165,6243	162,426	179,5023	10503222	10503222
418,251	423,4172	882,9653	816,9677	826,1549	10515744	10515744
260,3916	227,5834	477,4507	497,9144	463,3817	10518473	10518473
682,801	716,314	1451,465	1456,338	1393,683	10369792	10369792
307,3496	259,4192	583,416	560,8287	591,4728	10409265	10409265
184,8983	123,137	381,6065	389,1831	332,9069	10344803	10344803
468,9384	426,2586	880,7722	900,5002	904,2271	10554969	10554969
324,7021	370,9421	685,9864	650,9114	642,5604	10579313	10579313
686,533	532,3276	1200,231	1221,889	1196,391	10355567	10355567
839,5894	798,3369	1715,367	1613,271	1680,299	10509901	10509901
258,5497	204,9269	467,9742	468,7197	442,9331	10469404	10469404
271,0959	213,3375	530,2786	495,8507	500,2628	10392449	10392449

189,8066	180,6425	362,1411	371,2711	400,7799	10549760	10549760
147,0335	123,5907	261,9506	279,2405	280,3031	10453887	10453887
405,6236	420,9137	826,6373	843,4778	830,4701	10386455	10386455
160,0571	162,6815	315,237	340,6431	334,8546	10550406	10550406
912,0763	828,5624	1835,683	1831,891	1842,823	10535559	10535559
947,6029	833,3748	1828,501	1765,13	1783,617	10543802	10543802
120,0673	137,4838	241,5343	226,1916	256,6663	10559667	10559667
193,8884	201,7769	380,0015	390,4891	386,3091	10348632	10348632
107,4546	111,8624	229,7225	218,6385	250,6252	10452295	10452295
265,9775	178,4989	409,3039	452,9811	432,9869	10443095	10443095
1077,709	1006,56	2222,131	2152,005	2159,629	10449266	10449266
3013,743	3055,134	6195,082	6089,767	6270,524	10530841	10530841
145,0634	106,1971	276,046	280,0813	276,7253	10597052	10597052
277,6581	228,8796	516,1652	533,4238	510,0441	10390103	10390103
113,093	101,0206	250,7004	224,6881	224,1117	10537353	10537353
248,4669	250,1524	510,8874	488,3479	497,8177	10406736	10406736
590,1153	592,0486	1205,586	1234,729	1247,057	10463462	10463462
1284,12	1110,803	2480,803	2542,325	2470,496	10590844	10590844
112,6601	92,27862	231,0648	223,9019	219,8231	10536002	10536002
183,1194	149,1192	347,14	366,415	363,959	10554005	10554005
113,3796	104,5458	212,1068	206,2203	238,4379	10459335	10459335
443,0008	385,1446	814,868	826,663	815,4996	10505489	10505489
267,3318	312,1411	597,6105	544,9086	564,568	10348858	10348858
259,3446	247,8443	491,6466	473,3463	521,1406	10560945	10560945
152,8092	138,2217	319,5795	300,7055	295,7202	10391490	10391490
1899,591	1999,578	3979,012	3750,543	3849,03	10547830	10547830
252,4121	198,6708	465,0403	503,2502	516,7757	10400395	10400395
544,3704	478,7851	1041,109	1060,35	1103,354	10599377	10599377
107,7075	95,92682	232,3097	197,3298	191,3151	10355785	10355785
189,5285	181,2331	389,6454	381,4116	375,586	10544891	10544891
217,3635	180,2074	382,4401	415,8718	415,7924	10416800	10416800
209,8525	174,5201	413,8208	401,0532	384,6151	10471967	10471967
153,9082	170,7182	288,2007	333,1235	331,6834	10471819	10471819
447,4788	466,989	934,7507	931,4846	921,3586	10409464	10409464
140,6434	103,808	241,0924	245,3464	246,7691	10483521	10483521
162,0791	217,8338	433,8499	347,5306	366,3303	10555174	10555174
766,4716	769,8865	1618,299	1511,148	1612,203	10452485	10452485
340,1674	395,7571	744,555	753,632	764,8176	10606186	10606186
439,6648	354,6793	834,1784	817,362	801,6569	10359929	10359929
108,7218	123,1488	258,4719	251,0887	254,3549	10411927	10411927
1096,677	999,6113	2411,994	2522,214	2281,357	10567213	10567213
159,8206	152,067	331,2165	306,8883	292,4065	10410721	10410721
134,7888	124,344	259,7672	268,3018	275,1749	10459353	10459353
227,3284	193,9662	418,837	458,6387	444,8571	10514956	10514956
68,1889	53,95508	142,1876	174,614	132,4014	10550169	10550169
565,248	436,3585	1036,49	1046,172	1055,818	10523727	10523727
342,6968	293,4118	710,5971	673,2589	672,976	10388018	10388018

325,067	283,5443	640,7395	620,2749	649,0424	10568150	10568150
91,3683	85,79794	194,7179	181,7495	164,6492	10497381	10497381
326,6584	255,9271	605,6931	607,1454	593,4545	10498952	10498952
265,2959	198,3874	493,8654	546,722	501,7906	10440560	10440560
267,4129	204,8981	486,7709	497,1366	453,7861	10377859	10377859
46,38015	65,5476	130,2102	122,1978	120,8817	10530615	10530615
275,0052	164,8926	436,0488	446,7396	439,0203	10593526	10593526
179,8364	214,9241	406,9578	404,1376	430,9527	10367673	10367673
2002,99	1803,938	3946,481	3835,381	3893,581	10600169	10600169
381,9765	355,1199	776,5828	770,5107	766,541	10444098	10444098
915,5515	848,6455	1777,848	1900,848	1880,474	10358339	10358339
236,8652	327,7088	554,9129	507,1213	607,9716	10350733	10350733
138,6339	144,9691	327,6553	335,3207	300,4533	10408870	10408870
302,548	274,8059	671,7421	684,7256	616,1914	10596257	10596257
2380,591	2164,421	4519,068	4477,11	4554,892	10510546	10510546
199,7448	217,004	396,024	380,6036	396,6851	10381218	10381218
109,3849	89,76926	228,8235	221,2569	217,9088	10531501	10531501
471,8982	403,988	885,0743	919,8458	865,8582	10477717	10477717
412,1389	391,4474	843,5486	830,3669	785,588	10432511	10432511
259,0603	206,8664	468,8138	505,2602	500,0905	10401968	10401968
335,6212	308,8343	637,6824	619,7634	675,3575	10452257	10452257
669,2756	628,3051	1470,281	1393,157	1423,382	10474984	10474984
265,6835	239,5002	506,6478	506,8485	509,7057	10467319	10467319
401,264	310,5512	745,0744	691,9992	726,1793	10466925	10466925
114,8482	89,69328	228,895	193,9464	206,4307	10431948	10431948
430,9313	398,7183	879,0866	890,4344	847,6879	10551185	10551185
848,7756	777,0085	1571,436	1594,379	1571,315	10397975	10397975
287,4225	248,6796	556,3652	559,6151	549,631	10571444	10571444
196,5315	211,9075	432,6885	455,929	443,1765	10459912	10459912
111,4141	108,6183	232,5476	228,2554	211,2334	10498379	10498379
236,6223	158,5158	410,7328	460,8566	446,8893	10400710	10400710
101,8877	87,35476	218,4562	215,6754	210,899	10522562	10522562
615,5889	626,9318	1371,34	1337,029	1342,758	10607283	10607283
359,9319	342,9617	667,1368	736,3248	685,8037	10493245	10493245
366,3802	318,7849	756,218	740,0598	710,2068	10382049	10382049
174,7227	175,3429	371,7092	335,0935	343,1783	10380226	10380226
565,3844	475,64	1042,934	1056,029	1065,273	10408928	10408928
413,6404	362,1363	746,5653	821,8529	759,6123	10569972	10569972
384,5973	341,9373	782,9311	732,0452	704,4203	10370721	10370721
409,6877	333,6405	795,8383	769,4327	782,6703	10471337	10471337
258,3484	214,9147	473,8459	458,5523	472,4888	10529584	10529584
331,9909	320,1602	682,7008	678,227	648,966	10488185	10488185
56,79568	73,2258	146,6488	147,4533	126,4019	10387723	10387723
554,9239	499,9325	1067,924	1096,133	1065,968	10425945	10425945
254,6366	331,6286	664,2791	587,3032	565,337	10549102	10549102
499,402	501,5644	1087,787	1023,29	1043,346	10405511	10405511
194,4592	163,774	389,2472	410,4136	386,3147	10496359	10496359

61,11007	80,95597	155,2494	143,6119	156,5098	10366229	10366229
516,7043	470,8575	1048,031	1028,264	1051,243	10546631	10546631
210,0452	199,1247	422,2865	482,3873	396,8091	10457729	10457729
348,3307	330,6886	730,8848	669,3494	703,8032	10562500	10562500
1370,726	1269,005	2851,736	2740,282	2822,81	10495685	10495685
75,74503	72,31296	181,2238	172,4996	155,0414	10488459	10488459
327,1238	294,2404	604,6833	579,6304	606,3011	10494643	10494643
106,0242	89,20811	210,2473	228,1572	225,0389	10473250	10473250
985,5102	940,1431	1945,688	1929,69	2060,975	10429140	10429140
175,5752	216,2001	425,6186	442,1979	430,8017	10393642	10393642
44,40905	54,46425	105,46	103,9188	108,7927	10461721	10461721
282,6007	259,0554	577,3909	522,2732	545,9271	10569714	10569714
363,0728	377,8082	802,5673	737,4695	759,027	10426611	10426611
668,6207	652,2211	1443,226	1385,437	1428,597	10415282	10415282
159,2331	157,231	329,6011	324,007	329,1959	10596148	10596148
194,6597	193,8773	404,7172	415,0032	398,5454	10387568	10387568
87,51318	90,14281	202,5211	208,4498	184,2121	10578950	10578950
684,2948	677,0663	1472,998	1462,163	1428,401	10555027	10555027
190,4048	133,7498	342,3478	376,8005	332,9366	10447275	10447275
252,1797	201,9291	437,8567	450,5264	467,5308	10412380	10412380
415,6082	337,7138	792,2486	753,3401	765,4478	10377612	10377612
727,5217	642,976	1471,402	1401,642	1410,405	10459089	10459089
244,1758	226,0535	535,2184	473,7748	490,885	10563314	10563314
94,2997	83,698	181,6176	174,5327	193,9011	10536334	10536334
296,4894	207,2228	598,1365	561,1951	566,0377	10456490	10456490
335,0439	367,1007	744,9961	687,6553	722,1381	10353899	10353899
245,6868	265,614	512,2891	474,3389	486,2898	10414360	10414360
394,3417	360,9631	797,8694	774,0873	797,5478	10393341	10393341
115,3557	79,89729	209,6279	193,5832	199,8205	10463070	10463070
319,0927	350,1793	674,4523	684,2523	707,7506	10477854	10477854
401,7712	396,9096	825,1752	824,4146	852,7247	10572637	10572637
401,2937	386,5328	807,825	802,467	818,7523	10559207	10559207
505,7878	427,4954	947,1777	956,3234	959,6379	10526410	10526410
663,6137	532,6021	1285,843	1125,562	1211,055	10370552	10370552
586,3916	560,2969	1258,744	1242,748	1204,682	10549222	10549222
332,917	270,6385	631,001	634,6034	662,3892	10523451	10523451
111,147	98,27194	228,1385	208,2785	220,057	10382321	10382321
273,4946	276,9408	564,5314	571,7043	585,3355	10553015	10553015
848,7863	844,9991	1759,125	1770,819	1842,302	10465895	10465895
146,3144	156,5365	347,3191	296,801	282,7167	10523506	10523506
91,61251	130,9525	253,2519	241,9701	247,8651	10557519	10557519
304,7584	285,9756	578,9583	595,4003	616,1144	10567964	10567964
82,31108	61,72573	146,8443	152,2396	158,7704	10527982	10527982
1134,902	1172,474	2500,332	2525,683	2490,634	10444658	10444658
454,5568	367,9142	901,3191	835,0865	846,1942	10379489	10379489
164,543	129,4682	311,7436	310,8548	317,5073	10517587	10517587
58,82113	51,36448	115,091	115,086	120,2114	10392484	10392484

1363,127	1372,379	3008,731	2858,829	2889,085	10443009	10443009
195,1035	192,3653	407,743	394,0308	391,7635	10544837	10544837
296,6951	332,9634	655,8403	622,5506	693,1236	10494781	10494781
931,0364	949,2166	2032,692	2005,682	2033,318	10456522	10456522
1024,527	882,8276	2138,261	2115,98	2054,291	10578123	10578123
180,1365	185,9046	394,4389	406,0262	375,8617	10439651	10439651
179,9091	187,5294	414,7531	428,78	414,0376	10496169	10496169
312,0161	294,9611	653,604	616,4669	673,5282	10534456	10534456
590,1968	489,7412	1162,724	1132,259	1070,297	10562096	10562096
1764,466	1714,866	3800,812	3904,739	3777,999	10355214	10355214
233,7458	163,3057	422,851	442,8049	422,377	10503182	10503182
97,81775	101,8227	211,8799	226,5096	212,5991	10460237	10460237
363,1432	314,1405	797,1051	711,6924	752,7896	10597575	10597575
637,8691	480,1264	1121,669	1166,727	1144,74	10485198	10485198
152,0142	157,4931	386,3665	467,8031	384,5905	10536593	10536593
257,1484	241,8069	555,3239	543,9499	517,1342	10371332	10371332
534,4604	444,5091	1031,713	1028,934	1037,503	10592084	10592084
294,9475	323,3892	686,0109	647,7115	699,7307	10561178	10561178
169,4099	143,6533	343,6543	337,3925	338,5135	10542880	10542880
87,74552	114,361	214,2319	201,1006	207,3916	10349529	10349529
101,3877	99,11788	201,8381	212,2374	197,0147	10416004	10416004
207,0739	164,4883	386,6946	361,0874	394,8571	10465395	10465395
394,5673	413,1203	874,3743	869,6929	872,5624	10493435	10493435
94,47353	78,96151	189,0651	174,9926	181,4813	10376326	10376326
494,0921	479,3273	1056,503	1011,308	1024,722	10500295	10500295
919,1778	1074,407	2203,844	2168,097	2275,312	10419082	10419082
202,8719	186,3253	453,2168	416,6712	393,4928	10591620	10591620
871,2857	773,0743	1762,069	1716,709	1787,288	10569057	10569057
150,2334	130,7044	277,4638	293,1386	294,8447	10358713	10358713
993,4671	969,8825	2152,205	2074,059	2071,088	10382912	10382912
205,9175	214,1	471,6325	477,9727	454,6006	10594948	10594948
298,6984	295,3859	628,3001	611,7336	612,3251	10421269	10421269
670,5407	549,1822	1287,912	1491,862	1356,716	10468869	10468869
673,0529	637,687	1427,661	1408,454	1384,045	10533929	10533929
126,841	97,99009	247,6275	248,3932	250,5878	10591139	10591139
82,82375	88,90987	188,455	190,7451	176,0923	10540207	10540207
227,1582	224,3097	509,4288	486,0154	494,407	10381211	10381211
245,6781	289,3317	564,3833	528,4726	528,9094	10465619	10465619
150,3344	130,0447	298,4392	316,783	294,4431	10472050	10472050
108,9752	106,4476	255,7766	232,6065	228,8786	10585398	10585398
682,058	628,8901	1410,111	1449,438	1485,058	10384579	10384579
75,71576	85,75825	160,326	161,4796	196,7212	10604656	10604656
363,3285	389,01	797,3612	758,7627	768,6417	10355813	10355813
1073,776	986,6594	2188,781	2182,938	2185,608	10381096	10381096
155,4886	118,7145	286,79	305,9408	276,807	10401114	10401114
450,6452	321,3743	881,1519	861,8085	886,1995	10395612	10395612
227,4809	231,748	451,7204	447,9707	474,6839	10567010	10567010

103,8166	83,6876	226,0225	189,4787	191,6216	10577641	10577641
164,548	149,5626	347,8404	319,8156	352,4766	10469151	10469151
208,3841	139,6942	407,2135	386,5985	402,1031	10358533	10358533
200,8721	223,8404	434,6051	402,8201	395,6998	10379518	10379518
729,5096	659,0219	1523,286	1455,391	1559,695	10385966	10385966
511,166	407,8838	999,6013	994,2693	1018,207	10493519	10493519
604,0273	530,1738	1277,583	1158,779	1246,645	10495993	10495993
67,35946	71,31622	167,5096	147,5957	128,3206	10519555	10519555
1089,138	992,3992	2339,502	2337,58	2335,854	10346564	10346564
369,0867	396,7934	850,334	875,1271	883,8798	10528583	10528583
158,0273	79,56432	269,2226	259,1365	266,5501	10344817	10344817
117,2477	91,57736	250,5024	242,3275	239,0655	10585980	10585980
332,1224	337,4389	726,4827	711,6435	719,2092	10362294	10362294
71,90163	100,1245	190,8825	164,1735	186,6572	10380566	10380566
306,5716	303,1352	702,7869	665,9793	665,9793	10516956	10516956
84,65763	73,91106	181,276	152,8547	176,6739	10599530	10599530
47,41249	55,215	115,9704	106,064	110,845	10523120	10523120
792,9224	657,0049	1604,902	1612,671	1629,986	10475544	10475544
195,1804	161,5555	405,5362	395,0665	403,1021	10519815	10519815
129,8251	143,8075	304,3344	301,1093	293,8722	10521626	10521626
160,115	123,352	298,3974	306,3032	291,5806	10601659	10601659
275,3842	267,5033	610,2219	584,6391	622,9025	10376021	10376021
275,4077	272,2352	601,1395	611,6002	559,7664	10388465	10388465
500,1814	447,9698	1042,335	977,6008	999,454	10551614	10551614
102,7019	123,2742	274,6365	248,3056	258,2869	10546535	10546535
123,4643	141,4319	297,3151	263,9276	273,8394	10430358	10430358
475,5067	368,4419	847,0913	888,0896	929,2729	10506050	10506050
249,6647	261,8539	549,8193	608,2662	572,7225	10350297	10350297
97,30459	104,7923	223,9608	190,0606	206,9593	10422164	10422164
178,125	192,7835	419,0666	393,6679	376,0493	10571142	10571142
511,8037	530,1282	1139,248	1174,084	1195,637	10585874	10585874
318,2996	283,9707	654,0016	652,5735	665,1873	10583732	10583732
612,9119	564,3568	1245,211	1220,259	1199,026	10540122	10540122
202,2664	177,2705	407,9377	404,4821	403,2852	10490690	10490690
147,5837	103,3348	293,1194	297,086	288,7367	10446907	10446907
1746,179	1677,623	3842,51	3772,299	3820,909	10537062	10537062
123,024	120,6558	299,8523	274,9187	282,5836	10501208	10501208
678,9519	664,4437	1485,933	1465,492	1453,268	10406676	10406676
162,3522	127,239	303,2929	342,3458	337,7528	10385776	10385776
1021,808	1037,011	2285,229	2220,4	2183,698	10574259	10574259
550,839	460,4918	1119,065	1114,669	1119,52	10591781	10591781
213,1874	230,9319	474,3442	472,1687	465,1331	10430660	10430660
149,7511	101,4555	276,442	257,7972	262,9071	10484197	10484197
392,2753	369,0625	883,1685	801,3951	810,9608	10525439	10525439
189,8206	164,143	419,1062	419,7003	387,0959	10603182	10603182
205,0118	192,2923	423,8232	432,7835	454,5616	10475890	10475890
238,6185	189,3641	504,4806	516,1864	503,3081	10385248	10385248

275,6036	258,5681	596,7412	590,8851	604,8776	10546891	10546891
247,7255	176,3415	483,6799	494,1087	456,153	10491773	10491773
325,916	281,7371	706,0366	687,1178	688,8474	10496204	10496204
141,6663	109,7129	246,0566	262,1141	288,0561	10439442	10439442
414,4899	241,8074	721,3972	707,4512	685,0135	10586448	10586448
69,84183	105,2721	172,5959	222,024	174,6956	10496580	10496580
434,4948	451,0425	995,3135	952,1136	1033,105	10569341	10569341
208,1405	188,7399	453,4347	445,3968	431,5536	10428796	10428796
411,6322	428,9697	965,056	955,8046	956,3032	10435769	10435769
145,8311	147,7968	351,2003	313,8763	356,2021	10398091	10398091
104,7573	90,52151	249,768	244,3819	239,8111	10523320	10523320
125,6821	111,5174	269,2002	278,7862	271,575	10498383	10498383
243,7692	183,6868	525,0306	521,3649	515,832	10440566	10440566
571,1282	478,7183	1199,29	1133,234	1193,111	10359870	10359870
200,0153	150,5006	408,6372	412,8847	417,6595	10559790	10559790
194,8142	171,3845	408,065	384,4631	397,4376	10466779	10466779
125,7175	111,1825	269,9126	264,324	262,155	10363786	10363786
310,5135	288,1812	646,0302	630,181	655,5992	10512949	10512949
48,66063	37,64964	107,9353	103,1005	105,0967	10591169	10591169
506,0299	476,6053	1073,335	1088,788	1066,731	10366956	10366956
156,8129	186,242	355,6136	384,5737	380,5478	10581175	10581175
249,8093	216,056	508,5977	517,4542	506,1935	10537157	10537157
256,981	168,4478	474,2116	457,3284	468,1873	10472846	10472846
184,8187	159,179	369,3695	351,0088	376,4978	10449258	10449258
272,3996	229,8257	586,4715	571,7625	606,6403	10368647	10368647
112,6526	95,03712	227,8362	265,1523	220,8008	10547657	10547657
245,1481	221,2193	525,7791	505,4426	556,577	10450374	10450374
1110,167	1067,931	2594,514	2547,028	2561,523	10401244	10401244
354,2004	359,1366	790,1027	793,4902	799,5791	10467124	10467124
312,457	356,954	769,3619	758,0513	736,137	10593937	10593937
166,9428	83,69424	255,3302	301,7914	348,4351	10574427	10574427
83,38645	106,9358	266,2136	202,3265	166,5907	10346164	10346164
210,2455	191,7973	440,0221	500,2307	498,5415	10398721	10398721
204,7805	192,8671	505,8092	466,7384	440,7834	10556082	10556082
99,83094	85,72424	240,2326	236,3183	230,6666	10536056	10536056
1094,315	1079,251	2456,149	2560,904	2469,685	10434806	10434806
409,1749	391,871	917,1833	888,1518	941,3166	10369844	10369844
196,231	240,5524	529,6008	454,2783	466,4559	10392881	10392881
168,5218	178,703	402,2727	402,6465	388,324	10511588	10511588
163,2311	187,3489	402,8675	376,4082	399,6205	10465314	10465314
70,53817	60,28006	161,8596	137,2198	159,0379	10435791	10435791
166,6203	156,196	377,3422	361,819	351,3698	10539143	10539143
217,0225	204,5256	473,0588	446,527	489,1333	10356520	10356520
82,63418	74,72729	174,6657	165,9768	164,4056	10566358	10566358
195,3926	186,7729	440,7863	423,3922	451,296	10346843	10346843
309,032	277,7642	647,2091	663,8765	648,9274	10526302	10526302
252,9572	251,6256	575,547	606,0507	598,7172	10355534	10355534

82,85551	77,33882	190,0633	171,6334	189,7541	10399710	10399710
95,88282	103,0018	222,7756	216,9391	231,4768	10423505	10423505
233,5927	201,7528	531,9937	530,9265	504,2652	10481845	10481845
227,2854	226,682	525,0577	523,3477	522,3533	10555235	10555235
231,5938	199,0854	488,4128	501,6891	527,5884	10447341	10447341
373,969	374,4036	842,2142	840,9941	842,6753	10597531	10597531
803,4797	590,3478	1695,575	1640,541	1647,765	10436830	10436830
707,9312	636,8568	1508,864	1504,932	1483,228	10393559	10393559
101,0563	100,9378	235,992	232,0562	219,0294	10554574	10554574
91,37766	122,7875	255,8757	233,817	251,4851	10437655	10437655
823,1039	800,4326	1902,027	1850,974	1816,787	10555389	10555389
533,1365	500,1222	1185,076	1162,582	1142,802	10374083	10374083
213,1961	240,2828	542,0783	562,1842	512,1835	10368739	10368739
176,8649	144,412	372,731	320,1549	366,5495	10516596	10516596
190,0174	175,3252	458,511	423,4474	469,5467	10503023	10503023
143,7567	95,01012	263,8305	242,9964	292,9072	10547282	10547282
1540,509	1397,565	3387,751	3152,832	3315,724	10574471	10574471
499,618	426,5831	1082,449	1032,613	1069,763	10583586	10583586
236,1885	250,4395	606,6852	534,0451	538,9825	10536794	10536794
261,4917	249,8347	575,6307	568,6359	563,0031	10507101	10507101
287,929	286,3605	691,3582	653,4891	676,5174	10548905	10548905
557,1859	556,6555	1181,903	1238,885	1178,832	10491038	10491038
97,06169	99,0294	213,1809	231,3522	249,8305	10505143	10505143
714,0255	550,6733	1373,953	1391,02	1413,27	10384233	10384233
91,59568	73,73024	194,1276	185,6097	183,0629	10516484	10516484
524,8151	471,1987	1208,936	1076,534	1139,28	10498018	10498018
468,4266	577,0948	1150,151	1181,303	1172,81	10435789	10435789
456,8202	483,2647	1197,464	1122,461	1126,399	10360479	10360479
116,1163	101,6384	295,3543	265,4581	283,2921	10442250	10442250
1114,174	1104,499	2514,281	2559,694	2530,81	10567995	10567995
330,6897	339,4667	762,5515	727,1635	766,726	10557326	10557326
177,1803	183,2907	423,141	404,6447	400,7333	10595211	10595211
89,62572	80,63224	178,3767	178,0989	199,7434	10424404	10424404
259,2852	314,0963	725,4979	719,1774	687,1282	10440964	10440964
460,3551	408,1937	980,2578	961,1342	936,9548	10471555	10471555
1102,336	1026,817	2440,31	2363,872	2400,43	10487906	10487906
214,2912	189,0264	479,3365	461,5337	440,8224	10544573	10544573
224,3761	274,7024	591,8397	554,113	590,5765	10517677	10517677
342,9113	202,1785	615,5677	636,9788	638,8456	10358457	10358457
112,8842	125,1829	277,6071	272,1792	270,7494	10531588	10531588
333,177	275,2215	719,887	728,2463	727,239	10352234	10352234
206,0765	222,753	491,5738	464,7056	482,0689	10592106	10592106
314,2859	304,643	735,9896	683,7856	731,9311	10542460	10542460
453,4125	389,1479	960,7811	994,6236	1043,344	10374464	10374464
121,4105	127,2747	293,398	298,3775	272,9232	10536505	10536505
270,8983	237,2438	520,0913	502,4866	558,622	10588263	10588263
1803,127	1913,352	4561,663	4572,842	4538,206	10497817	10497817

48,40522	49,08108	145,6655	122,6345	124,2589	10408008	10408008
519,2617	421,4699	1051,628	1068,32	1076,049	10595680	10595680
349,3636	376,8768	828,952	793,3942	830,882	10432540	10432540
172,0077	133,8105	372,3619	392,0264	373,7816	10491191	10491191
384,4725	388,6787	917,5569	894,6074	893,2324	10439612	10439612
1869,024	1805,505	4321,777	4325,241	4280,53	10474700	10474700
306,9898	276,0598	670,1021	631,7923	658,6264	10539592	10539592
336,918	314,7375	782,2854	758,7938	818,7913	10557960	10557960
231,9648	207,0369	524,0002	529,4979	543,9423	10599120	10599120
139,6964	134,2191	318,5435	323,4482	331,5843	10544610	10544610
136,4342	130,4102	306,5064	289,0354	325,1366	10519988	10519988
866,4531	821,4808	2075,337	2044,249	2012,76	10435641	10435641
545,0524	472,0255	1224,96	1167,125	1202,971	10572130	10572130
123,4837	101,4106	263,6976	245,437	256,1867	10509063	10509063
75,45163	67,81683	176,6993	171,9401	168,4846	10606997	10606997
949,413	886,7709	2182,059	2118,934	2132,522	10586865	10586865
307,8294	229,3228	642,6084	653,8888	624,9825	10436106	10436106
97,41209	108,6068	252,378	254,2263	248,912	10496638	10496638
380,4509	350,9023	848,1351	835,0733	901,3024	10592719	10592719
266,3928	239,5866	638,7684	606,419	576,3743	10518455	10518455
495,6125	462,1134	1139,022	1101,575	1157,64	10379044	10379044
301,9181	268,5131	692,5831	625,3983	603,5428	10388389	10388389
513,9019	529,4376	1234,563	1198,259	1147,072	10564909	10564909
379,6141	271,5131	767,1893	769,1398	795,1684	10497689	10497689
187,5126	171,145	429,6494	424,8743	396,2893	10444932	10444932
234,516	148,0488	448,6742	463,1147	429,1455	10463704	10463704
148,7456	181,2639	386,3778	394,0321	384,9407	10424213	10424213
347,3772	306,6748	795,8325	798,9451	791,5676	10434758	10434758
139,3538	127,986	331,4598	354,8033	325,2116	10484227	10484227
152,168	127,4468	333,1596	356,0147	340,0642	10529979	10529979
358,6458	341,6109	878,6514	840,0507	822,6764	10545958	10545958
222,841	138,0791	464,9296	471,4617	524,1796	10442027	10442027
153,6891	90,14907	329,9207	302,7226	289,3318	10440562	10440562
181,4843	201,0085	460,2328	432,5115	479,4432	10541753	10541753
114,0132	95,48498	263,1526	252,4702	232,3942	10498386	10498386
164,2901	172,7108	399,0558	355,2647	379,496	10378053	10378053
321,5441	266,9662	743,0028	704,2411	738,577	10487748	10487748
110,0734	121,6005	268,8752	272,1249	252,1459	10538187	10538187
82,5927	84,37226	194,6574	194,3603	188,2269	10536563	10536563
69,05927	56,68177	150,2471	145,8474	159,0482	10528207	10528207
51,90953	49,21503	146,1336	158,1848	144,7803	10403464	10403464
300,627	284,0129	697,6887	664,9402	714,1416	10346747	10346747
365,6156	365,4675	846,8729	880,5696	893,481	10465521	10465521
101,9537	107,7859	274,3489	231,0988	292,0872	10494351	10494351
401,1362	314,803	863,9641	857,6961	887,9117	10598403	10598403
1079,776	1173,369	2659,552	2670,845	2705,306	10391454	10391454
557,145	501,8264	1314,973	1283,75	1292,5	10369615	10369615

646,9943	774,7411	1781,687	1703,247	1729,05	10423498	10423498
143,105	158,6159	356,4187	331,06	361,219	10538482	10538482
306,2953	271,4255	667,0125	667,2722	674,2574	10490838	10490838
340,3257	286,0722	797,9428	729,1205	760,1804	10436841	10436841
496,4142	529,9187	1250,514	1260,995	1141,276	10582303	10582303
243,2217	196,6523	542,2851	519,9538	543,3425	10366796	10366796
112,0713	113,7757	258,366	293,7535	262,3078	10563597	10563597
961,9338	820,4677	2247,194	2203,618	2218,204	10433114	10433114
295,2143	189,7509	662,6844	630,249	613,076	10572077	10572077
193,6064	175,2086	462,4713	436,1609	446,0556	10363241	10363241
131,0628	87,24327	321,8495	330,4478	300,8192	10562657	10562657
164,8448	133,9599	298,5736	348,2573	363,9869	10530269	10530269
254,2096	233,5259	649,8116	586,0707	589,0159	10399540	10399540
357,6966	346,9359	845,8368	820,4188	883,5328	10388430	10388430
176,2743	154,6816	435,5625	386,0071	406,9272	10428536	10428536
212,2452	162,2096	431,6001	428,9328	431,287	10492689	10492689
171,1613	135,5286	421,4037	407,4957	402,5975	10589773	10589773
193,1322	179,7808	475,2431	468,0608	488,5142	10498972	10498972
190,9523	124,4685	389,5859	406,0574	387,4018	10408557	10408557
203,111	244,2398	591,4173	517,0148	551,3865	10373571	10373571
391,2283	335,3593	939,2363	913,1151	890,7559	10499854	10499854
248,344	197,5348	552,1572	585,0396	592,3364	10539702	10539702
320,0241	286,8876	704,384	711,7037	715,4338	10585699	10585699
153,7959	135,5438	345,5804	361,2627	357,0956	10528664	10528664
401,4983	345,4836	972,4948	993,6766	944,1346	10544477	10544477
594,262	612,9094	1497,131	1487,397	1467,963	10514221	10514221
804,0015	689,1224	1763,671	1727,898	1853,223	10587616	10587616
801,6929	771,8641	1934,071	1944,864	1860,589	10456699	10456699
483,1746	440,9084	1076,616	1065,998	1059,575	10506188	10506188
312,1727	275,4235	683,3464	715,8094	712,6028	10495830	10495830
79,03953	96,28442	249,4931	217,8272	238,3039	10548892	10548892
115,5898	126,7067	305,3298	308,4281	261,1942	10557165	10557165
116,1363	137,959	336,4588	319,5586	297,923	10529264	10529264
169,6316	132,7462	519,7274	348,8204	312,4859	10404063	10404063
454,2312	379,782	1020,121	1035,759	935,1072	10531919	10531919
358,8296	371,705	899,1256	872,9368	933,399	10471844	10471844
893,3209	955,6207	2381,567	2298,526	2364,132	10557459	10557459
181,0048	159,0653	405,0266	413,9735	434,6525	10604347	10604347
187,2973	159,7651	436,6398	411,2262	434,0042	10426315	10426315
100,8664	80,35244	261,8176	247,6656	190,9284	10500276	10500276
202,9558	144,9363	433,0227	423,8661	451,4174	10384956	10384956
450,2328	418,8093	1046,716	1047,837	1096,422	10355536	10355536
242,3964	190,1298	538,8935	565,93	552,4299	10416340	10416340
287,2119	176,4214	560,3847	593,4879	590,0459	10389795	10389795
366,8469	337,1795	821,9214	804,7603	855,7496	10491056	10491056
295,1006	268,4696	853,3387	833,0394	858,5004	10410254	10410254
325,4432	330,7225	872,7054	775,604	860,4543	10438708	10438708

58,59286	61,45005	144,6793	152,5281	141,1488	10537169	10537169
375,5612	324,7665	851,1152	862,8055	908,0625	10447065	10447065
263,1155	280,0435	686,2263	656,73	685,5109	10545588	10545588
147,3219	163,4414	440,742	373,5502	385,2813	10540523	10540523
188,7729	215,9224	500,8395	491,0006	544,0103	10481592	10481592
172,9987	162,9259	444,2245	427,6466	416,9117	10504337	10504337
85,87968	70,21442	232,6556	213,4382	203,5714	10502830	10502830
234,0392	205,1495	552,3036	540,2603	537,2676	10360920	10360920
233,1523	214,4599	642,8145	619,1762	561,9353	10396936	10396936
365,8852	369,4025	893,5471	892,0882	844,5189	10427290	10427290
567,3916	434,8131	1257,745	1227,789	1300,548	10528008	10528008
238,9996	218,498	609,6284	554,4684	587,2792	10604542	10604542
291,6943	273,1504	719,3585	688,8546	660,6012	10371959	10371959
1389,728	1320,318	3501,913	3419,452	3398,001	10355403	10355403
234,2105	237,7221	577,394	567,6854	600,1238	10588509	10588509
140,0584	121,449	332,8739	316,1075	334,8528	10421697	10421697

niacin_2	niacin_3	WT_1	WT_2	WT_3	Probe Set ID	transcript _cluster_id
223,22054	203,63675	787,4525	774,43435	779,06149	10462024	10462024
222,80224	203,20695	788,00875	774,97539	779,60738	10461972	10461972
222,38395	202,77716	788,565	775,51643	780,15327	10461919	10461919
221,96565	202,34736	789,12125	776,05748	780,69916	10461867	10461867
221,54736	201,91757	789,67751	776,59852	781,24505	10461815	10461815
221,12907	201,48777	790,23376	777,13956	781,79094	10461763	10461763
220,71077	201,05798	790,79001	777,68061	782,33683	10461710	10461710
220,29248	200,62818	791,34626	778,22165	782,88272	10461658	10461658
219,87419	200,19839	791,90251	778,76269	783,42861	10461606	10461606
219,45589	199,76859	792,45876	779,30373	783,9745	10461553	10461553
219,0376	199,33879	793,01502	779,84478	784,52039	10461501	10461501
218,61931	198,909	793,57127	780,38582	785,06627	10461449	10461449
218,20101	198,4792	794,12752	780,92686	785,61216	10461397	10461397
217,78272	198,04941	794,68377	781,46791	786,15805	10461344	10461344
217,36443	197,61961	795,24002	782,00895	786,70394	10461292	10461292
216,94613	197,18982	795,79627	782,54999	787,24983	10461240	10461240
216,52784	196,76002	796,35252	783,09104	787,79572	10461187	10461187
216,10955	196,33023	796,90878	783,63208	788,34161	10461135	10461135
215,69125	195,90043	797,46503	784,17312	788,8875	10461083	10461083
215,27296	195,47064	798,02128	784,71416	789,43339	10461031	10461031
214,85467	195,04084	798,57753	785,25521	789,97928	10460978	10460978
214,43637	194,61105	799,13378	785,79625	790,52517	10460926	10460926
214,01808	194,18125	799,69003	786,33729	791,07106	10460874	10460874
213,59979	193,75146	800,24629	786,87834	791,61695	10460821	10460821
213,18149	193,32166	800,80254	787,41938	792,16284	10460769	10460769
212,7632	192,89187	801,35879	787,96042	792,70873	10460717	10460717
212,3449	192,46207	801,91504	788,50147	793,25462	10460665	10460665
211,92661	192,03228	802,47129	789,04251	793,80051	10460612	10460612

211,50832	191,60248	803,02754	789,58355	794,34639	10460560	10460560
211,09002	191,17268	803,58379	790,12459	794,89228	10460508	10460508
210,67173	190,74289	804,14005	790,66564	795,43817	10460456	10460456
210,25344	190,31309	804,6963	791,20668	795,98406	10460403	10460403
209,83514	189,8833	805,25255	791,74772	796,52995	10460351	10460351
209,41685	189,4535	805,8088	792,28877	797,07584	10460299	10460299
208,99856	189,02371	806,36505	792,82981	797,62173	10460246	10460246
208,58026	188,59391	806,9213	793,37085	798,16762	10460194	10460194
208,16197	188,16412	807,47756	793,9119	798,71351	10460142	10460142
207,74368	187,73432	808,03381	794,45294	799,2594	10460090	10460090
207,32538	187,30453	808,59006	794,99398	799,80529	10460037	10460037
206,90709	186,87473	809,14631	795,53502	800,35118	10459985	10459985
206,4888	186,44494	809,70256	796,07607	800,89707	10459933	10459933
206,0705	186,01514	810,25881	796,61711	801,44296	10459880	10459880
205,65221	185,58535	810,81507	797,15815	801,98885	10459828	10459828
205,23392	185,15555	811,37132	797,6992	802,53474	10459776	10459776
204,81562	184,72576	811,92757	798,24024	803,08063	10459724	10459724
204,39733	184,29596	812,48382	798,78128	803,62652	10459671	10459671
203,97903	183,86617	813,04007	799,32232	804,1724	10459619	10459619
203,56074	183,43637	813,59632	799,86337	804,71829	10459567	10459567
203,14245	183,00658	814,15257	800,40441	805,26418	10459514	10459514
202,72415	182,57678	814,70883	800,94545	805,81007	10459462	10459462
202,30586	182,14698	815,26508	801,4865	806,35596	10459410	10459410
201,88757	181,71719	815,82133	802,02754	806,90185	10459358	10459358
201,46927	181,28739	816,37758	802,56858	807,44774	10459305	10459305
201,05098	180,8576	816,93383	803,10963	807,99363	10459253	10459253
200,63269	180,4278	817,49008	803,65067	808,53952	10459201	10459201
200,21439	179,99801	818,04634	804,19171	809,08541	10459148	10459148
199,7961	179,56821	818,60259	804,73275	809,6313	10459096	10459096
199,37781	179,13842	819,15884	805,2738	810,17719	10459044	10459044
198,95951	178,70862	819,71509	805,81484	810,72308	10458992	10458992
198,54122	178,27883	820,27134	806,35588	811,26897	10458939	10458939
198,12293	177,84903	820,82759	806,89693	811,81486	10458887	10458887
197,70463	177,41924	821,38385	807,43797	812,36075	10458835	10458835
197,28634	176,98944	821,9401	807,97901	812,90664	10458782	10458782
196,86805	176,55965	822,49635	808,52006	813,45253	10458730	10458730
196,44975	176,12985	823,0526	809,0611	813,99841	10458678	10458678
196,03146	175,70006	823,60885	809,60214	814,5443	10458626	10458626
195,61316	175,27026	824,1651	810,14318	815,09019	10458573	10458573
195,19487	174,84047	824,72135	810,68423	815,63608	10458521	10458521
194,77658	174,41067	825,27761	811,22527	816,18197	10458469	10458469
194,35828	173,98087	825,83386	811,76631	816,72786	10458416	10458416
193,93999	173,55108	826,39011	812,30736	817,27375	10458364	10458364
193,5217	173,12128	826,94636	812,8484	817,81964	10458312	10458312
193,1034	172,69149	827,50261	813,38944	818,36553	10458260	10458260
192,68511	172,26169	828,05886	813,93049	818,91142	10458207	10458207
192,26682	171,8319	828,61512	814,47153	819,45731	10458155	10458155

191,84852	171,4021	829,17137	815,01257	820,0032	10458103	10458103
191,43023	170,97231	829,72762	815,55361	820,54909	10458050	10458050
191,01194	170,54251	830,28387	816,09466	821,09498	10457998	10457998
190,59364	170,11272	830,84012	816,6357	821,64087	10457946	10457946
190,17535	169,68292	831,39637	817,17674	822,18676	10457894	10457894
189,75706	169,25313	831,95263	817,71779	822,73265	10457841	10457841
189,33876	168,82333	832,50888	818,25883	823,27854	10457789	10457789
188,92047	168,39354	833,06513	818,79987	823,82442	10457737	10457737
188,50218	167,96374	833,62138	819,34091	824,37031	10457684	10457684
188,08388	167,53395	834,17763	819,88196	824,9162	10457632	10457632
187,66559	167,10415	834,73388	820,423	825,46209	10457580	10457580
187,24729	166,67436	835,29013	820,96404	826,00798	10457528	10457528
186,829	166,24456	835,84639	821,50509	826,55387	10457475	10457475
186,41071	165,81477	836,40264	822,04613	827,09976	10457423	10457423
185,99241	165,38497	836,95889	822,58717	827,64565	10457371	10457371
185,57412	164,95517	837,51514	823,12822	828,19154	10457319	10457319
185,15583	164,52538	838,07139	823,66926	828,73743	10457266	10457266
184,73753	164,09558	838,62764	824,2103	829,28332	10457214	10457214
184,31924	163,66579	839,1839	824,75134	829,82921	10457162	10457162
183,90095	163,23599	839,74015	825,29239	830,3751	10457109	10457109
183,48265	162,8062	840,2964	825,83343	830,92099	10457057	10457057
183,06436	162,3764	840,85265	826,37447	831,46688	10457005	10457005
182,64607	161,94661	841,4089	826,91552	832,01277	10456953	10456953
182,22777	161,51681	841,96515	827,45656	832,55866	10456900	10456900
181,80948	161,08702	842,52141	827,9976	833,10455	10456848	10456848
181,39119	160,65722	843,07766	828,53865	833,65043	10456796	10456796
180,97289	160,22743	843,63391	829,07969	834,19632	10456743	10456743
180,5546	159,79763	844,19016	829,62073	834,74221	10456691	10456691
180,13631	159,36784	844,74641	830,16177	835,2881	10456639	10456639
179,71801	158,93804	845,30266	830,70282	835,83399	10456587	10456587
179,29972	158,50825	845,85891	831,24386	836,37988	10456534	10456534
178,88142	158,07845	846,41517	831,7849	836,92577	10456482	10456482
178,46313	157,64866	846,97142	832,32595	837,47166	10456430	10456430
178,04484	157,21886	847,52767	832,86699	838,01755	10456377	10456377
177,62654	156,78906	848,08392	833,40803	838,56344	10456325	10456325
177,20825	156,35927	848,64017	833,94907	839,10933	10456273	10456273
176,78996	155,92947	849,19642	834,49012	839,65522	10456221	10456221
176,37166	155,49968	849,75268	835,03116	840,20111	10456168	10456168
175,95337	155,06988	850,30893	835,5722	840,747	10456116	10456116
175,53508	154,64009	850,86518	836,11325	841,29289	10456064	10456064
175,11678	154,21029	851,42143	836,65429	841,83878	10456011	10456011
174,69849	153,7805	851,97768	837,19533	842,38467	10455959	10455959
174,2802	153,3507	852,53393	837,73638	842,93056	10455907	10455907
173,8619	152,92091	853,09019	838,27742	843,47644	10455855	10455855
173,44361	152,49111	853,64644	838,81846	844,02233	10455802	10455802
173,02532	152,06132	854,20269	839,3595	844,56822	10455750	10455750
172,60702	151,63152	854,75894	839,90055	845,11411	10455698	10455698

172,18873	151,20173	855,31519	840,44159	845,66	10455645	10455645
171,77044	150,77193	855,87144	840,98263	846,20589	10455593	10455593
171,35214	150,34214	856,42769	841,52368	846,75178	10455541	10455541
170,93385	149,91234	856,98395	842,06472	847,29767	10455489	10455489
170,51555	149,48255	857,5402	842,60576	847,84356	10455436	10455436
170,09726	149,05275	858,09645	843,14681	848,38945	10455384	10455384
169,67897	148,62296	858,6527	843,68785	848,93534	10455332	10455332
169,26067	148,19316	859,20895	844,22889	849,48123	10455279	10455279
168,84238	147,76336	859,7652	844,76993	850,02712	10455227	10455227
168,42409	147,33357	860,32146	845,31098	850,57301	10455175	10455175
168,00579	146,90377	860,87771	845,85202	851,1189	10455123	10455123
167,5875	146,47398	861,43396	846,39306	851,66479	10455070	10455070
167,16921	146,04418	861,99021	846,93411	852,21068	10455018	10455018
166,75091	145,61439	862,54646	847,47515	852,75657	10454966	10454966
166,33262	145,18459	863,10271	848,01619	853,30245	10454913	10454913
165,91433	144,7548	863,65896	848,55724	853,84834	10454861	10454861
165,49603	144,325	864,21522	849,09828	854,39423	10454809	10454809
165,07774	143,89521	864,77147	849,63932	854,94012	10454757	10454757
164,65945	143,46541	865,32772	850,18036	855,48601	10454704	10454704
164,24115	143,03562	865,88397	850,72141	856,0319	10454652	10454652
163,82286	142,60582	866,44022	851,26245	856,57779	10454600	10454600
163,40457	142,17603	866,99647	851,80349	857,12368	10454547	10454547
162,98627	141,74623	867,55273	852,34454	857,66957	10454495	10454495
162,56798	141,31644	868,10898	852,88558	858,21546	10454443	10454443
162,14969	140,88664	868,66523	853,42662	858,76135	10454391	10454391
161,73139	140,45685	869,22148	853,96766	859,30724	10454338	10454338
161,3131	140,02705	869,77773	854,50871	859,85313	10454286	10454286
160,8948	139,59725	870,33398	855,04975	860,39902	10454234	10454234
160,47651	139,16746	870,89024	855,59079	860,94491	10454182	10454182
160,05822	138,73766	871,44649	856,13184	861,4908	10454129	10454129
159,63992	138,30787	872,00274	856,67288	862,03669	10454077	10454077
159,22163	137,87807	872,55899	857,21392	862,58258	10454025	10454025
158,80334	137,44828	873,11524	857,75497	863,12846	10453972	10453972
158,38504	137,01848	873,67149	858,29601	863,67435	10453920	10453920
157,96675	136,58869	874,22774	858,83705	864,22024	10453868	10453868
157,54846	136,15889	874,784	859,37809	864,76613	10453816	10453816
157,13016	135,7291	875,34025	859,91914	865,31202	10453763	10453763
156,71187	135,2993	875,8965	860,46018	865,85791	10453711	10453711
156,29358	134,86951	876,45275	861,00122	866,4038	10453659	10453659
155,87528	134,43971	877,009	861,54227	866,94969	10453606	10453606
155,45699	134,00992	877,56525	862,08331	867,49558	10453554	10453554
155,0387	133,58012	878,12151	862,62435	868,04147	10453502	10453502
154,6204	133,15033	878,67776	863,1654	868,58736	10453450	10453450
154,20211	132,72053	879,23401	863,70644	869,13325	10453397	10453397
153,78382	132,29074	879,79026	864,24748	869,67914	10453345	10453345
153,36552	131,86094	880,34651	864,78852	870,22503	10453293	10453293
152,94723	131,43115	880,90276	865,32957	870,77092	10453240	10453240

152,52893	131,00135	881,45902	865,87061	871,31681	10453188	10453188
152,11064	130,57155	882,01527	866,41165	871,8627	10453136	10453136
151,69235	130,14176	882,57152	866,9527	872,40859	10453084	10453084
151,27405	129,71196	883,12777	867,49374	872,95447	10453031	10453031
150,85576	129,28217	883,68402	868,03478	873,50036	10452979	10452979
150,43747	128,85237	884,24027	868,57582	874,04625	10452927	10452927
150,01917	128,42258	884,79652	869,11687	874,59214	10452874	10452874
149,60088	127,99278	885,35278	869,65791	875,13803	10452822	10452822
149,18259	127,56299	885,90903	870,19895	875,68392	10452770	10452770
148,76429	127,13319	886,46528	870,74	876,22981	10452718	10452718
148,346	126,7034	887,02153	871,28104	876,7757	10452665	10452665
147,92771	126,2736	887,57778	871,82208	877,32159	10452613	10452613
147,50941	125,84381	888,13403	872,36313	877,86748	10452561	10452561
147,09112	125,41401	888,69029	872,90417	878,41337	10452508	10452508
146,67283	124,98422	889,24654	873,44521	878,95926	10452456	10452456
146,25453	124,55442	889,80279	873,98625	879,50515	10452404	10452404
145,83624	124,12463	890,35904	874,5273	880,05104	10452352	10452352
145,41795	123,69483	890,91529	875,06834	880,59693	10452299	10452299
144,99965	123,26504	891,47154	875,60938	881,14282	10452247	10452247
144,58136	122,83524	892,0278	876,15043	881,68871	10452195	10452195
144,16306	122,40544	892,58405	876,69147	882,2346	10452142	10452142
143,74477	121,97565	893,1403	877,23251	882,78048	10452090	10452090
143,32648	121,54585	893,69655	877,77356	883,32637	10452038	10452038
142,90818	121,11606	894,2528	878,3146	883,87226	10451986	10451986
142,48989	120,68626	894,80905	878,85564	884,41815	10451933	10451933
142,0716	120,25647	895,3653	879,39668	884,96404	10451881	10451881
141,6533	119,82667	895,92156	879,93773	885,50993	10451829	10451829
141,23501	119,39688	896,47781	880,47877	886,05582	10451776	10451776
140,81672	118,96708	897,03406	881,01981	886,60171	10451724	10451724
140,39842	118,53729	897,59031	881,56086	887,1476	10451672	10451672
139,98013	118,10749	898,14656	882,1019	887,69349	10451620	10451620
139,56184	117,6777	898,70281	882,64294	888,23938	10451567	10451567
139,14354	117,2479	899,25907	883,18399	888,78527	10451515	10451515
138,72525	116,81811	899,81532	883,72503	889,33116	10451463	10451463
138,30696	116,38831	900,37157	884,26607	889,87705	10451410	10451410
137,88866	115,95852	900,92782	884,80711	890,42294	10451358	10451358
137,47037	115,52872	901,48407	885,34816	890,96883	10451306	10451306
137,05208	115,09893	902,04032	885,8892	891,51472	10451254	10451254
136,63378	114,66913	902,59658	886,43024	892,06061	10451201	10451201
136,21549	114,23934	903,15283	886,97129	892,60649	10451149	10451149
135,79719	113,80954	903,70908	887,51233	893,15238	10451097	10451097
135,3789	113,37974	904,26533	888,05337	893,69827	10451045	10451045
134,96061	112,94995	904,82158	888,59441	894,24416	10450992	10450992
134,54231	112,52015	905,37783	889,13546	894,79005	10450940	10450940
134,12402	112,09036	905,93408	889,6765	895,33594	10450888	10450888
133,70573	111,66056	906,49034	890,21754	895,88183	10450835	10450835
133,28743	111,23077	907,04659	890,75859	896,42772	10450783	10450783

132,86914	110,80097	907,60284	891,29963	896,97361	10450731	10450731
132,45085	110,37118	908,15909	891,84067	897,5195	10450679	10450679
132,03255	109,94138	908,71534	892,38172	898,06539	10450626	10450626
131,61426	109,51159	909,27159	892,92276	898,61128	10450574	10450574
131,19597	109,08179	909,82785	893,4638	899,15717	10450522	10450522
130,77767	108,652	910,3841	894,00484	899,70306	10450469	10450469
130,35938	108,2222	910,94035	894,54589	900,24895	10450417	10450417
129,94109	107,79241	911,4966	895,08693	900,79484	10450365	10450365
129,52279	107,36261	912,05285	895,62797	901,34073	10450313	10450313
129,1045	106,93282	912,6091	896,16902	901,88662	10450260	10450260
128,68621	106,50302	913,16536	896,71006	902,4325	10450208	10450208
128,26791	106,07323	913,72161	897,2511	902,97839	10450156	10450156
127,84962	105,64343	914,27786	897,79215	903,52428	10450103	10450103
127,43132	105,21363	914,83411	898,33319	904,07017	10450051	10450051
127,01303	104,78384	915,39036	898,87423	904,61606	10449999	10449999
126,59474	104,35404	915,94661	899,41527	905,16195	10449947	10449947
126,17644	103,92425	916,50286	899,95632	905,70784	10449894	10449894
125,75815	103,49445	917,05912	900,49736	906,25373	10449842	10449842
125,33986	103,06466	917,61537	901,0384	906,79962	10449790	10449790
124,92156	102,63486	918,17162	901,57945	907,34551	10449737	10449737
124,50327	102,20507	918,72787	902,12049	907,8914	10449685	10449685
124,08498	101,77527	919,28412	902,66153	908,43729	10449633	10449633
123,66668	101,34548	919,84037	903,20257	908,98318	10449581	10449581
123,24839	100,91568	920,39663	903,74362	909,52907	10449528	10449528
122,8301	100,48589	920,95288	904,28466	910,07496	10449476	10449476
122,4118	100,05609	921,50913	904,8257	910,62085	10449424	10449424
121,99351	99,626297	922,06538	905,36675	911,16674	10449371	10449371
121,57522	99,196501	922,62163	905,90779	911,71263	10449319	10449319
121,15692	98,766706	923,17788	906,44883	912,25851	10449267	10449267
120,73863	98,336911	923,73413	906,98988	912,8044	10449215	10449215
120,32034	97,907116	924,29039	907,53092	913,35029	10449162	10449162
119,90204	97,47732	924,84664	908,07196	913,89618	10449110	10449110
119,48375	97,047525	925,40289	908,613	914,44207	10449058	10449058
119,06546	96,61773	925,95914	909,15405	914,98796	10449005	10449005
118,64716	96,187935	926,51539	909,69509	915,53385	10448953	10448953
118,22887	95,758139	927,07164	910,23613	916,07974	10448901	10448901
117,81057	95,328344	927,6279	910,77718	916,62563	10448849	10448849
117,39228	94,898549	928,18415	911,31822	917,17152	10448796	10448796
116,97399	94,468754	928,7404	911,85926	917,71741	10448744	10448744
116,55569	94,038958	929,29665	912,40031	918,2633	10448692	10448692
116,1374	93,609163	929,8529	912,94135	918,80919	10448639	10448639
115,71911	93,179368	930,40915	913,48239	919,35508	10448587	10448587
115,30081	92,749573	930,96541	914,02343	919,90097	10448535	10448535
114,88252	92,319777	931,52166	914,56448	920,44686	10448483	10448483
114,46423	91,889982	932,07791	915,10552	920,99275	10448430	10448430
114,04593	91,460187	932,63416	915,64656	921,53863	10448378	10448378
113,62764	91,030392	933,19041	916,18761	922,08452	10448326	10448326

113,20935	90,600596	933,74666	916,72865	922,63041	10448274	10448274
112,79105	90,170801	934,30291	917,26969	923,1763	10448221	10448221
112,37276	89,741006	934,85917	917,81074	923,72219	10448169	10448169
111,95447	89,311211	935,41542	918,35178	924,26808	10448117	10448117
111,53617	88,881415	935,97167	918,89282	924,81397	10448064	10448064
111,11788	88,45162	936,52792	919,43386	925,35986	10448012	10448012
110,69959	88,021825	937,08417	919,97491	925,90575	10447960	10447960
110,28129	87,59203	937,64042	920,51595	926,45164	10447908	10447908
109,863	87,162235	938,19668	921,05699	926,99753	10447855	10447855
109,4447	86,732439	938,75293	921,59804	927,54342	10447803	10447803
109,02641	86,302644	939,30918	922,13908	928,08931	10447751	10447751
108,60812	85,872849	939,86543	922,68012	928,6352	10447698	10447698
108,18982	85,443054	940,42168	923,22116	929,18109	10447646	10447646
107,77153	85,013258	940,97793	923,76221	929,72698	10447594	10447594
107,35324	84,583463	941,53419	924,30325	930,27287	10447542	10447542
106,93494	84,153668	942,09044	924,84429	930,81876	10447489	10447489
106,51665	83,723873	942,64669	925,38534	931,36464	10447437	10447437
106,09836	83,294077	943,20294	925,92638	931,91053	10447385	10447385
105,68006	82,864282	943,75919	926,46742	932,45642	10447332	10447332
105,26177	82,434487	944,31544	927,00847	933,00231	10447280	10447280
104,84348	82,004692	944,87169	927,54951	933,5482	10447228	10447228
104,42518	81,574896	945,42795	928,09055	934,09409	10447176	10447176
104,00689	81,145101	945,9842	928,63159	934,63998	10447123	10447123
103,5886	80,715306	946,54045	929,17264	935,18587	10447071	10447071
103,1703	80,285511	947,0967	929,71368	935,73176	10447019	10447019
102,75201	79,855715	947,65295	930,25472	936,27765	10446966	10446966
102,33372	79,42592	948,2092	930,79577	936,82354	10446914	10446914
101,91542	78,996125	948,76546	931,33681	937,36943	10446862	10446862
101,49713	78,56633	949,32171	931,87785	937,91532	10446810	10446810
101,07883	78,136534	949,87796	932,4189	938,46121	10446757	10446757
100,66054	77,706739	950,43421	932,95994	939,0071	10446705	10446705
100,24225	77,276944	950,99046	933,50098	939,55299	10446653	10446653
99,823954	76,847149	951,54671	934,04202	940,09888	10446600	10446600
99,405661	76,417353	952,10297	934,58307	940,64477	10446548	10446548
98,987367	75,987558	952,65922	935,12411	941,19065	10446496	10446496
98,569074	75,557763	953,21547	935,66515	941,73654	10446444	10446444
98,15078	75,127968	953,77172	936,2062	942,28243	10446391	10446391
97,732487	74,698172	954,32797	936,74724	942,82832	10446339	10446339
97,314193	74,268377	954,88422	937,28828	943,37421	10446287	10446287
96,8959	73,838582	955,44047	937,82932	943,9201	10446234	10446234
96,477606	73,408787	955,99673	938,37037	944,46599	10446182	10446182
96,059313	72,978991	956,55298	938,91141	945,01188	10446130	10446130
95,641019	72,549196	957,10923	939,45245	945,55777	10446078	10446078
95,222726	72,119401	957,66548	939,9935	946,10366	10446025	10446025
94,804432	71,689606	958,22173	940,53454	946,64955	10445973	10445973
94,386139	71,25981	958,77798	941,07558	947,19544	10445921	10445921
93,967845	70,830015	959,33424	941,61663	947,74133	10445868	10445868

93,549552	70,40022	959,89049	942,15767	948,28722	10445816	10445816
93,131258	69,970425	960,44674	942,69871	948,83311	10445764	10445764
92,712965	69,540629	961,00299	943,23975	949,379	10445712	10445712
92,294671	69,110834	961,55924	943,7808	949,92489	10445659	10445659
91,876378	68,681039	962,11549	944,32184	950,47078	10445607	10445607
91,458084	68,251244	962,67175	944,86288	951,01666	10445555	10445555
91,039791	67,821448	963,228	945,40393	951,56255	10445502	10445502
90,621497	67,391653	963,78425	945,94497	952,10844	10445450	10445450
90,203204	66,961858	964,3405	946,48601	952,65433	10445398	10445398
89,78491	66,532063	964,89675	947,02706	953,20022	10445346	10445346
89,366617	66,102267	965,453	947,5681	953,74611	10445293	10445293
88,948323	65,672472	966,00925	948,10914	954,292	10445241	10445241
88,53003	65,242677	966,56551	948,65018	954,83789	10445189	10445189
88,111736	64,812882	967,12176	949,19123	955,38378	10445137	10445137
87,693443	64,383086	967,67801	949,73227	955,92967	10445084	10445084
87,275149	63,953291	968,23426	950,27331	956,47556	10445032	10445032
86,856856	63,523496	968,79051	950,81436	957,02145	10444980	10444980
86,438562	63,093701	969,34676	951,3554	957,56734	10444927	10444927
86,020269	62,663905	969,90302	951,89644	958,11323	10444875	10444875
85,601975	62,23411	970,45927	952,43749	958,65912	10444823	10444823
85,183682	61,804315	971,01552	952,97853	959,20501	10444771	10444771
84,765388	61,37452	971,57177	953,51957	959,7509	10444718	10444718
84,347095	60,944724	972,12802	954,06061	960,29679	10444666	10444666
83,928801	60,514929	972,68427	954,60166	960,84267	10444614	10444614
83,510508	60,085134	973,24053	955,1427	961,38856	10444561	10444561
83,092214	59,655339	973,79678	955,68374	961,93445	10444509	10444509
82,673921	59,225543	974,35303	956,22479	962,48034	10444457	10444457
82,255627	58,795748	974,90928	956,76583	963,02623	10444405	10444405
81,837334	58,365953	975,46553	957,30687	963,57212	10444352	10444352
81,41904	57,936158	976,02178	957,84791	964,11801	10444300	10444300
81,000747	57,506362	976,57803	958,38896	964,6639	10444248	10444248
80,582453	57,076567	977,13429	958,93	965,20979	10444195	10444195
80,16416	56,646772	977,69054	959,47104	965,75568	10444143	10444143
79,745866	56,216977	978,24679	960,01209	966,30157	10444091	10444091
79,327573	55,787181	978,80304	960,55313	966,84746	10444039	10444039
78,909279	55,357386	979,35929	961,09417	967,39335	10443986	10443986
78,490986	54,927591	979,91554	961,63522	967,93924	10443934	10443934
78,072692	54,497796	980,4718	962,17626	968,48513	10443882	10443882
77,654399	54,068	981,02805	962,7173	969,03102	10443829	10443829
77,236105	53,638205	981,5843	963,25834	969,57691	10443777	10443777
76,817812	53,20841	982,14055	963,79939	970,1228	10443725	10443725
76,399519	52,778615	982,6968	964,34043	970,66868	10443673	10443673
75,981225	52,348819	983,25305	964,88147	971,21457	10443620	10443620
75,562932	51,919024	983,8093	965,42252	971,76046	10443568	10443568
75,144638	51,489229	984,36556	965,96356	972,30635	10443516	10443516
74,726345	51,059434	984,92181	966,5046	972,85224	10443463	10443463
74,308051	50,629638	985,47806	967,04565	973,39813	10443411	10443411

73,889758	50,199843	986,03431	967,58669	973,94402	10443359	10443359
73,471464	49,770048	986,59056	968,12773	974,48991	10443307	10443307
73,053171	49,340253	987,14681	968,66877	975,0358	10443254	10443254
72,634877	48,910457	987,70307	969,20982	975,58169	10443202	10443202
72,216584	48,480662	988,25932	969,75086	976,12758	10443150	10443150
71,79829	48,050867	988,81557	970,2919	976,67347	10443097	10443097
71,379997	47,621072	989,37182	970,83295	977,21936	10443045	10443045
70,961703	47,191276	989,92807	971,37399	977,76525	10442993	10442993
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70,125116	46,331686	991,04058	972,45607	978,85703	10442888	10442888
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chr11	-	85358342	85435395
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chr2	+	86085888	86164898
chr16	-	86103633	86182691
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chr13	-	86139123	86218277

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chr5	-	86210103	86289448
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